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The Journal of the BALTIMORE COLLEGE OF DENTAL SURGERY

DENTAL SCHOOL
UNIVERSITY OF MARYLAND



Centenary Number

March, 1940

Volume Four Number One

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THE JOURNAL
of the
BALTIMORE COLLEGE OF DENTAL SURGERY
DENTAL SCHOOL
UNIVERSITY OF MARYLAND

VOL. 4 No. 1

Contents for March, 1940

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The Journal of the Baltimore College of Dental Surgery, is published *irregularly* by the Faculty, Undergraduate Body and the Alumni Association of the Baltimore College of Dental Surgery, Dental School, University of Maryland; and the Grieves Library Foundation of the Maryland State Dental Association.

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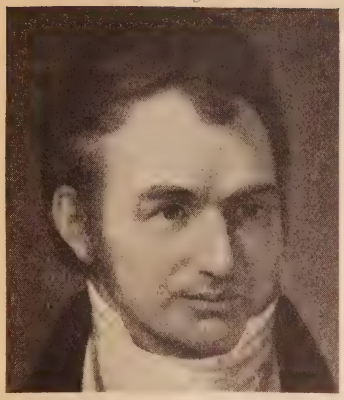
Pilgrimage to the Grave of Horace Hayden, February 1, 1940

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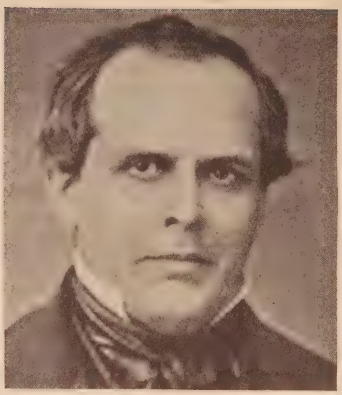


B. Lucien Brun (B. C. D. S. '05)
General Chairman of the Dental Centenary Celebration



HORACE H. HAYDEN (1769–1844)

Father and first president of the American Society of Dental Surgeons, the first national dental organization; co-founder and president of the Baltimore College of Dental Surgery, the first dental school; important force in the establishment of the American Journal of Dental Science, the first dental journal.



CHAPIN A. HARRIS (1806–1860)

The leading figure in the founding and publishing of the American Journal of Dental Science; one of the founders and second president of the American Society of Dental Surgeons; co-founder and first dean of the Baltimore College of Dental Surgery.

PRELIMINARY PROGRAM
FOR THE DENTAL CENTENARY CELEBRATION

Baltimore, Maryland, March 18, 19, 20, 1940

FIRST MORNING SESSION

(Ford's Theatre)

Monday, March 18

10:30 a.m.

Presiding Officer, B. LUCIEN BRUN, *General Chairman, Dental Centenary Celebration*
Invocation
Right Rev. Joseph M. Nelligan
Addresses of Welcome
Hon. Herbert R. O'Conor, Governor of Maryland
Hon. Howard W. Jackson, Mayor of Baltimore
H. C. Byrd, President, University of Maryland
Address
William M. Lewis, President, Lafayette College

SECOND MORNING SESSION

(Ford's Theatre)

Tuesday, March 19

10:30 a.m.

Presiding Officer, ARTHUR MERRITT, *President, American Dental Association*
Invocation
Rabbi Morris S. Lazaron

Greetings from the American Medical Association
Greetings from the American Pharmaceutical Association
Andrew G. DuMez, President
Greetings from the American Public Health Association
Edward S. Godfrey, Jr., President
Address
Thomas Parran, Jr., Surgeon General of the U. S. Public Health Service: "Dentistry as a Health Service"

THIRD MORNING SESSION

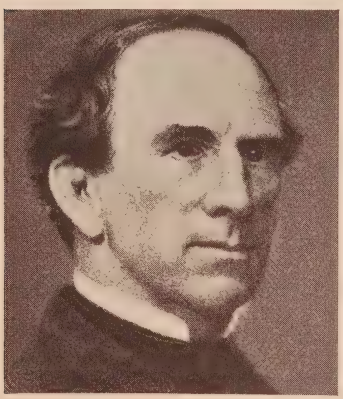
(Ford's Theatre)

Wednesday, March 20

10:30 a.m.

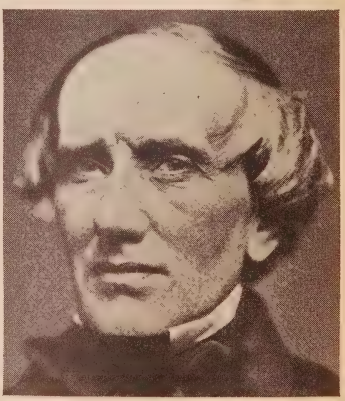
ACADEMIC CONVOCATION

Academic procession
Invocation
Right Rev. Edward Helfenstein, Bishop of Maryland
Announcements
J. Ben Robinson, Dean, Baltimore College of Dental Surgery, Dental School, University of Maryland
Address
Raymond A. Kent, President, University of Louisville: "The Relation of Dental Education to the University Program"
Conferring of honorary degrees
H. C. Byrd, President, University of Maryland
Benediction
Recessional



H. WILLIS BAXLEY (1803–1875)

The professor of Anatomy and Physiology on the original faculty of the B.C.D.S.; a distinguished anatomist and a great surgeon; an extensive traveler and author of many books in many fields.



THOMAS E. BOND (1813–1872)

One of the founders of the B.C.D.S.; author of Dental Medicine, which had a great influence on the teaching of the art and science of dentistry; a prominent physician whose association with the college contributed much to its standing; the composer of the diploma awarded by the first dental college.

THE SCIENTIFIC SESSIONS

(Fifth Regiment Armory)
Chairman, GEORGE M. ANDERSON, Baltimore, Md.

MONDAY, MARCH 18

ROENTGENOLOGY

(Room A, Basement Floor)

HOWARD RAPER, *Honorary Chairman,* Albuquerque, N. M.
HENRY C. FIXOTT, *Honorary Vice Chairman,* Portland, Ore.
GEORGE C. KARN, *Secretary,* Baltimore, Md.

2:00 "Detrimental Biological Effects of Roentgen Rays." By Walter S. Thompson, Los Angeles, Calif.

3:00 "Roentgenological Examinations Are Still Fraught with Danger." By LeRoy M. Ennis, Philadelphia, Pa.

4:00 "Roentgenographic Study of the Reactions of the Dental Pulp to Trauma and Complications Arising in the Trifacial Nerve." By L. R. Main, St. Louis, Mo.

FULL DENTURES

(Room B, Basement Floor)

CHARLES R. TURNER, *Honorary Chairman,* Philadelphia, Pa.
H. V. COTTRELL, *Honorary Vice Chairman,* Columbus, Ohio
GRAYSON W. GAVER, *Secretary,* Baltimore, Md.

2:00 "A Century of Progress in Denture Base Materials." By Rudolph O. Schlosser, Chicago, Ill.

3:00 "Factors in the Solution of a Constant Problem in Denture Service, Jaw Relations." By Carl O. Flagstad, Minneapolis, Minn.

4:00 "Present Trends Which Threaten Prosthetic Oral Health Service of the Future." By Walter H. Wright, Pittsburgh, Pa.

MEDICAL RELATIONS

(Room C, Mezzanine Floor)

WILLIAM J. GIES, *Honorary Chairman,* New York, N. Y.
VILRAY P. BLAIR, *Honorary Vice Chairman,* St. Louis, Mo.
ARTHUR LANKFORD, *Secretary,* Baltimore, Md.

2:00 "The Medico-Dental Aspects of Allergy." By Robert A. Cooke (M.D.), New York, N. Y.

3:00 "Pains of the Head and Face of Non-Dental Origin." By Walter E. Dandy (M.D.), Baltimore, Md.

4:00 "Effect of the Endocrines on the Dental Apparatus." By Isaac Schour, Chicago, Ill.

OPERATIVE DENTISTRY

(Room D, Mezzanine Floor)

George W. Wilson, *Honorary Chairman,* Milwaukee, Wis.
Oborn G. L. Lewis, *Honorary Vice Chairman,* Philadelphia, Pa.
B. Holly Smith, *Secretary,* Baltimore, Md.

2:00 "Function of the Operative Dentist in Conserving Teeth and Health." By Robert E. Blackwell, Chicago, Ill.

3:00 "Evaluation of Recent Developments in Clinical Operative Dentistry." By Harold E. Tingley, Boston, Mass.

4:00 "Present-Day Silver Amalgam Alloys; Science of Development and Manipulation." By Claude C. Cannon, Fayette, Ala.

ORTHODONTICS

(Room E, Mezzanine Floor)

John V. Mershon, *Honorary Chairman,* Philadelphia, Pa.
B. Maxwell Stephens, *Honorary Vice Chairman,* London, England
Harry E. Kelsey, *Secretary,* Baltimore, Md.

2:00 "The Diet of the Child." By Edwards A. Park (M.D.), Baltimore, Md.

3:00 "Objectives in Orthodontic Treatment." By James D. McCoy, Los Angeles, Calif.

4:00 "Etiology of Malocclusion Considered from a Clinical Viewpoint." By Harold J. Noyes, Chicago, Ill.

DENTAL MATERIALS

(Room F, Mezzanine Floor)

Wilmer Souder, *Honorary Chairman,* Washington, D. C.
Eugene W. Skinner, *Honorary Vice Chairman,* Chicago, Ill.
J. Fred Emerson, *Secretary,* Baltimore, Md.

2:00 "Inlay Casting Procedure—Its Evolution and Manipulatory Variables." By Philander B. Taylor, Cleveland, Ohio

3:00 "Non-Metallic Denture Materials—Their Development and Relative Merits." By Horton D. Kimball, Detroit, Mich.

4:00 "Dental Cements." By George C. Paffenbarger, Washington, D. C.

TUESDAY, MARCH 19

ORAL DIAGNOSIS AND BACTERIOLOGY

(Room A, Basement Floor)

Weston A. Price, *Honorary Chairman,* Cleveland, Ohio
Edgar D. Coolidge, *Honorary Vice Chairman,* Chicago, Ill.
Harold Goldstein, *Secretary,* Baltimore, Md.

2:00 "Review and Further Studies of the Relation of Dental Infection to Systemic Disease." By Edward C. Rosenow (M.D.), Rochester, Minn.

3:00 "Problems in Oral Microbiology as Problems in Ecology." By J. L. T. Appleton, Philadelphia, Pa.

4:00 "Case History in Oral Diagnosis." By Daniel E. Ziskin, New York, N. Y.

REMOVABLE PARTIAL DENTURES

(Room B, Basement Floor)

RUSSELL W. TENCH, *Honorary Chairman*, New York, N. Y.
F. C. ELLIOTT, *Honorary Vice Chairman*, Houston, Texas
THOMAS J. BLAND, JR., *Secretary*, Baltimore, Md.

2:00 "Effect of Abnormalities of Occlusion upon the Temporomandibular Joint and Associated Structures." By Clyde H. Schuyler, New York, N. Y.

3:00 "Stresses Induced by a Partial Denture upon Its Supporting Tissues and Practical Means of Effecting Their Control." By Oliver C. Applegate, Ann Arbor, Mich.

4:00 "Practical Engineering as Applied to Removable Partial Denture Designing." By N. G. Wills, Connersville, Ind.

LOCAL AND GENERAL ANESTHESIA

(Room C, Mezzanine Floor)

BISSELL B. PALMER, *Honorary Chairman*, New York, N. Y.
RICHARD H. RIETHMULLER, *Honorary Vice Chairman*, Los Angeles, Calif.
BRICE M. DORSEY, *Secretary*, Baltimore, Md.

2:00 "History of Anesthesia." By W. Harry Archer, Pittsburgh, Pa.

3:00 "Principles of Anesthesia Related to the Practice of Oral Surgery." By Malcolm W. Carr, New York, N. Y.

4:00 "Anesthesia in Modern Dentistry." By Frank B. Hower, Louisville, Ky.

CERAMICS

(Room D, Mezzanine Floor)

ALBERT L. LEGRO, *Honorary Chairman*, Detroit, Mich.
CARLISLE C. BASTIAN, *Honorary Vice Chairman*, New York, N. Y.
ERNEST B. NUTTALL, *Secretary*, Baltimore, Md.

2:00 "Basic Procedures Essential for Successful Porcelain Restorations." By H. D. Grubb, Cleveland, Ohio

3:00 "Porcelain Bridgework with Metal Reinforcements." By Nye W. Goodman, Los Angeles, Calif.

4:00 "Porcelain as a Filling Material." By E. Bruce Clark, Pittsburgh, Pa.

EMBRYOLOGY, HISTOLOGY AND PATHOLOGY

(Room E, Mezzanine Floor)

EDWARD H. HATTON, *Honorary Chairman*, Chicago, Ill.
PAUL G. KITCHIN, *Honorary Vice Chairman*, Columbus, Ohio
MYRON S. AISENBERG, *Secretary*, Baltimore, Md.

2:00 "Correlation between Clinical and Pathological Diagnosis in Chronic Apical Periodontitis." By Rudolf Kronfeld, Chicago, Ill.

3:00 "Interrelation of Maturation and Histogenesis of Hypoplasia in Dental Enamel." By Samuel W. Chase (Ph.D.), Cleveland, Ohio

4:00 "Histology: An Aid in the Treatment of Sensitive Teeth and the Desensitization of Dentin." By Charles F. Bodecker, New York, N. Y.

PUBLIC HEALTH

(Room F, Mezzanine Floor)

CHARLES E. RUDOLPH, *Honorary Chairman*, Minneapolis, Minn.
FRANK C. CADY, *Honorary Vice Chairman*, Washington, D. C.
RICHARD C. LEONARD, *Secretary*, Baltimore, Md.

2:00 "Dentistry: Its Purposes and Its Problems in Public Health." By Leon R. Kramer, Topeka, Kan.

3:00 "Dentistry in Public Health—A Problem in Research." By Abel Wolman (Dr.Eng.), Baltimore, Md.

4:00 "Dentistry in Public Health—Opportunities and Responsibilities." By O. W. Brandhorst, St. Louis, Mo.

WEDNESDAY, MARCH 20

ORAL SURGERY

(Room A, Basement Floor)

GEORGE B. WINTER, *Honorary Chairman*, St. Louis, Mo.
LEROY M. S. MINER, *Honorary Vice Chairman*, Boston, Mass.
HOWARD VAN NATTA, *Secretary*, Baltimore, Md.

2:00 "Oral Surgery and Its Relation to Dentistry and Medicine." By Howard C. Miller, Chicago, Ill.

3:00 "Surgery by the Dental Surgeon." By Henry Sage Dunning, New York, N. Y.

4:00 "Interrelation of Dentistry and Surgery in the Treatment of Deformities of the Face and Jaws." By V. H. Kazanjian, Boston, Mass.

FIXED PARTIAL DENTURES

(Room B, Basement Floor)

EDWARD T. TINKER, *Honorary Chairman*, Minneapolis, Minn.
STANLEY D. TYLMAN, *Honorary Vice Chairman*, Chicago, Ill.
WALTER L. OGGESEN, *Secretary*, Baltimore, Md.

2:00 "Fixed Partial Dental Service—Problems and Trends." By A. O. Klaffenbach, Iowa City, Iowa

3:00 "A New and Accurate Method for Construction of Fixed Partial Restoration Using Hydro-Colloidal Impression Materials." By Karl W. Knapp, New York, N. Y.

4:00 "Modern Fixed Partial Denture Pontics." By Irvin H. Ante, Toronto, Canada

PRACTICE MANAGEMENT

(Room C, Mezzanine Floor)

RALPH R. BYRNES, *Honorary Chairman*, Atlanta, Ga.
ALLAN T. NEWMAN, *Honorary Vice Chairman*, New York, N. Y.
BURT B. IDE, *Secretary*, Baltimore, Md.

2:00 "Ideals and Principles in Practice Management." By Albert L. Midgley, Providence, R. I.

3:00 "Five Phases of Successful Practice Management." By Gaylord J. James, Cleveland, Ohio

4:00 "For Professional Services Rendered." By Robert K. Brown, Ann Arbor, Mich.

PEDODONTIA

(Room D, Mezzanine Floor)

Harvey J. Burkhart, *Honorary Chairman*, Rochester, N. Y.
Percy R. Howe, *Honorary Vice Chairman*, Boston, Mass.
Myron Price, *Secretary*, Baltimore, Md.

2:00 "Child Health—A Dental Obligation." By Walter T. McFall, Asheville, N. C.

3:00 "Fundamental Procedures in Cavity Preparation and Space Retention as Adapted to the Deciduous (Foundation) and Young Permanent Teeth." By John C. Brauer, Iowa City, Iowa

4:00 "Development of Dentistry for Children with Particular Reference to Root-Canal Therapy." By John E. Gurley, San Francisco, Calif.

PERIODONTIA

(Room E, Mezzanine Floor)

Paul R. Stillman, *Honorary Chairman*, Longwood, Fla.
Arthur H. Merritt, *Honorary Vice Chairman*, New York, N. Y.
Glenn Carter, *Secretary*, Baltimore, Md.

2:00 "Fundamentals of Parodontal Pathology." By Kurt H. Thoma, Boston, Mass.

3:00 "Treatment of Periodontal Disease in the Modern Way." By Olin Kirkland, Montgomery, Ala.

4:00 "The Next Step toward the Advancement of Dentistry Must Be Taken by the Periodontist." By Bruce L. Taylor, Sr., Washington, D. C.

MATERIA MEDICA, PHARMACOLOGY AND THERAPEUTICS

(Room F, Mezzanine Floor)

Herman Prinz, *Honorary Chairman*, Philadelphia, Pa.
William H. O. McGehee, *Honorary Vice Chairman*, Washington, D. C.
Edward C. Dobbs, *Secretary*, Baltimore, Md.

2:00 "Biochemistry of Drug Action." By Harold C. Hodge (Ph.D.), Rochester, N. Y.

3:00 "Progress of Pulp-Canal Therapy." By James R. Blayney, Chicago, Ill.

4:00 "A Century of Progress in Local Anesthesia in Dentistry." By M. L. Tainter (M.D.), San Francisco, Calif.

VISUAL EDUCATION PROGRAM

(Motion Pictures)
Fifth Regiment Armory—Room G, Mezzanine Floor

MONDAY, MARCH 18

10:00 a.m.–5:00 p.m.

Committeeman in Charge, Norval H. McDonald, Baltimore

10:00 a.m. "Fractures of the Jaws." (Black and white.) Mayo Clinic Section of Laryngology, Oral and Plastic Surgery, Rochester, Minn.

10:45 a.m. "Imparting a Lifelike Appearance to Porcelain Jacket Crowns." (Color.) Carlisle C. Bastian, D.D.S., New York

11:00 a.m. "Amalgam Restorations." (Color.) Arne F. Romnes, D.D.S., Northwestern University School of Dentistry, Chicago, Ill.

11:45 a.m. "Bridgework." (Color.) Baylor University School of Dentistry, Dallas, Texas

12:30 p.m. "Intra-oral and Extra-oral Injections." (Color.) Irving Salman, D.D.S., New York University College of Dentistry, New York

2:00 p.m. "Procedures in Oral Surgery." (Color.) Samuel Granof, D.D.S., Milwaukee, Wis.

3:00 p.m. A. "Tumors of the Jaw." (Black and white.) Atlanta-Southern Dental College, Atlanta, Ga.

B. "Cyst of the Jaw." (Black and white.) Atlanta-Southern Dental College, Atlanta, Ga.

3:30 p.m. "The Preparation and Construction of Upper Posterior Bridge." (Black and white.) J. Raymond Gill, D.D.S., University of California College of Dentistry, San Francisco, Calif.

4:30 p.m. "Moulage for Masks." (Color.) G. A. Petersen, D.D.S. and James E. Bliss, D.D.S., School of Dentistry, Western Reserve University, Cleveland, Ohio.

TUESDAY, MARCH 19

10:00 a.m.–5:00 p.m.

Committeeman in Charge, H. Baldwin Streett, Baltimore

10:00 a.m. "Procedures in Operative Dentistry." (Black and white.) Department of Visual Education, University of California College of Dentistry, San Francisco, Calif.

11:00 a.m. "Technique for Construction of an Anterior Fixed Bridge." (Color.) Robert P. Dressel, D.D.S. and James E. Bliss, D.D.S., School of Dentistry, Western Reserve University, Cleveland, Ohio

12:00 m. "Diseases of the Mouth." (Color.) Thomas J. Cook, D.D.S., Evans Institute, University of Pennsylvania, Philadelphia, Pa.

2:00 p.m. "Complete Maxillomandibular Extraction, Conduction Anesthesia Technique." (Color.) William P. Walker, D.D.S., University of Pittsburgh, School of Dentistry, Pittsburgh, Pa.

2:30 p.m. "Extra-Oral Injection of the Maxillary Nerve." (Black and white.) Levon M. Saghirian, D.D.S. and Joel N. Novick, M.D., Philadelphia, Pa.

2:45 p.m. "Immediate Dentures." (Color.) University of Minnesota, Visual Education Department and School of Dentistry, Minneapolis, Minn.

3:30 p.m. "Dentistry for Children." (Color.) George W. Teuscher, D.D.S., Northwestern University School of Dentistry, Chicago, Ill.

4:00 p.m. A. "Myofunctional Studies Made in the Orthodontic Clinic."

B. "The Technic of Taking Plaster Impressions for Orthodontic Record Models." (Black and white.) Temple University, School of Dentistry, Philadelphia, Pa.

WEDNESDAY, MARCH 20

10:00 a.m.–5:00 p.m.

Committeeman in Charge, Filbert L. Moore, Baltimore

10:00 a.m. "Technic for Making Full Upper and Lower Radiographic Examination." (Black and white.) J. C. Eshelman, D.D.S., University of Pittsburgh, School of Dentistry, Pittsburgh, Pa.

10:20 a.m. "Temporomandibular Articulation." (Black and white.) University of Iowa, School of Dentistry, Iowa City, Iowa

10:45 a.m. "Classification of Impacted Mandibular Third Molars and Technic for Removal of Impacted Teeth." (Color.) Glenn J. Pell, D.D.S. and G. Thaddeus Gregory, D.D.S., Indianapolis, Ind.

11:30 a.m. A. "Impression Technic for the Edentulous Mouth." (Color.)

B. "Immediate Denture Technic." (Color.) Irvin H. Ante, D.D.S., Toronto, Canada

12:15 p.m. Guggenheim Dental Clinic. (Black and white.) The Murry and Leonie Guggenheim Dental Clinic, John Oppie McCall, D.D.S., Director, New York, N. Y.

12:30 p.m. "Children's Dentistry." (Color.) University of Iowa, School of Dentistry, Iowa City, Iowa

2:00 p.m. "Preparation and Construction of Veneer Crowns." (Black and white.) J. Raymond Gill, D.D.S., University of California School of Dentistry, San Francisco, Calif.

2:45 p.m. "Construction of a Porcelain Jacket Crown." (Black and white.) Carl W. Hoffer, D.D.S., Nashville, Tenn.

3:15 p.m. "Apicoectomy." (Color.) Irving Salman, D.D.S., New York University, School of Dentistry, New York, N. Y.

3:45 p.m. "Presentation of a Case of Complete Anodontia." (Color.) Paul Geoffrion, D.D.S., Faculty of Oral Surgery, University of Montreal, Montreal, Canada

4:00 p.m. "Anatomical Dissection." (Black and white and color.) F. C. Elliott, Dean, Texas Dental College, Houston, Texas

SOUND MOTION PICTURE

"Your Future in Dentistry"

Prepared by Thomas B. McCrum, D.D.S., and presented through the courtesy of the Kansas City-Western Dental College, Kansas City, Missouri, R. J. Rinehart, Dean.

Committeemen in charge: Morris Cramer,
Daniel E. Shehan

This talking motion picture will be shown in the male high schools of Baltimore during the Centenary week.

HISTORICAL EXHIBITS

Monday, Tuesday and Wednesday, March 18, 19 and 20
(Main Floor—Fifth Regiment Armory)
Open to the Public
Alexander H. Paterson, *Chairman,* Baltimore, Md.
9:00 a.m. to 5:30 p.m.

The section devoted to the Historical Exhibits will depict in detail the beginnings, the stages of development, and the contemporary achievements of all the branches of the art and science of dentistry. This department of the Celebration will present the most comprehensive and valuable display of dental matter ever brought together.

This unique and completely correlated exhibition of the progress of dentistry has been made possible only because of the significance of the Dental Centenary. Probably never again will our generation have the opportunity to view and study on one occasion the complete picture of dentistry in all its varied relations and conditions during its first hundred years as a profession.

The Historical Exhibits will be shown in the Fifth Regiment Armory, a spacious building with an exhibit floor of two hundred by three hundred feet. The center space of the section will be occupied by an historical court. The feature of the court will be a replica of the first dental school. There will also be four operating rooms showing the evolution of office equipment through the century. In addition, there will be on exhibition many of the personal possessions of the founders of the profession.

Flanking the Historical Court will be booths thirty-five feet long, seven feet deep and eight feet high in which the schools of the United States and Canada will present exhibits. Around these will be grouped the exhibits of the allied dental organizations and individuals. Each dental school has been allotted a definite subject.

Baltimore College of Dental Surgery, Dental School, University of Maryland: "Dental Education," M. W. McCrea

Baltimore College of Dental Surgery, Dental School, University of Maryland: "Four Operating Rooms Illustrating the Progress of Operating Room Equipment," D. C. Danforth

Temple University School of Dentistry: "Ceramics," Louis Herman

New York University, College of Dentistry: "Evolution of a Dental Office," Charles G. Darlington

Washington University School of Dentistry: "Historical Specimens from Wolzendorf Museum," B. E. Lischer

Harvard University Dental School: "Oral Deformities and Their Corrections," Everett A. Tisdale

Tufts College Dental School: "Historical Exhibit," L. Walter Brown, Jr.

University of Toronto, Faculty of Dentistry: "Dentistry in Canada," F. J. Conboy

The Thomas W. Evans Museum and Dental Institute School of Dentistry, University of Pennsylvania: "History of Anesthesia and Surgery in Dentistry," LeRoy M. Ennis

Kansas City-Western Dental College: "Oral Surgery," R. J. Rinehart

University of California College of Dentistry: "A Pictorial History of the College of Dentistry, University of California and Its Treasure Chest," Guy S. Milberry

Chicago College of Dental Surgery, Dental Department of Loyola University: "Oral Pathology," Rudolf Kronfeld

Northwestern University Dental School: "Operative Dentistry," J. R. Schumaker

Atlanta-Southern Dental College: "Instruments, Ancient and Modern," L. B. Brown

University of Illinois, College of Dentistry: "Dental School Equipment," Edward J. Krejci

University of Buffalo, School of Dentistry: "Partial Denture Prosthesis," Hugh D. Quinby

Columbia University School of Dental and Oral Surgery: "Orthodontia," Leuman M. Waugh

Ohio State University, College of Dentistry: "School Exhibit," Wendell D. Postle

Medical College of Virginia, School of Dentistry: "Pharmacology," H. B. Haag

University of Pittsburgh School of Dentistry: "Full Denture Prosthesis," Charles E. Friesell

Georgetown University, School of Dentistry: "Crown and Bridge Prosthesis," Roy J. Glezen

University of Montreal, Faculty of Dental Surgery: "Historical Exhibit of Quebec's Dentistry," P. E. Poitras

Texas Dental College and Baylor University College of Dentistry: "Texas Dentistry," Joseph P. Arnold

School of Medicine and Dentistry, University of Rochester: "Basic Sciences, Now and Then," Martin L. Deakins

The Forsyth Training School For Dental Hygienists: "Hygiene," Percy R. Howe

The Eastman Training School For Dental Hygienists: "Hygiene," Harvey J. Burkhart

United States Army Dental Corps, Medical Department: "Dentistry in the Army," D. D. Ash

United States Navy Dental Corps, Navy Medical Center: "Dentistry in the Navy," William L. Darnall

American Dental Association Research Fellowship, National Bureau of Standards: "Certified Dental Materials," George C. Paffenbarger

American Dental Association, Bureau of Public Relations: "Public Relations," Lon Morrey

American Dental Association, Council on Dental Therapeutics: "Therapeutics," Harold L. Hansen

American Dental Association: "History," L. Pierce Anthony

Henry Isaiah Dorr Research Laboratory, Temple University: "A Type of Therapy in the Treatment of Periodontal Disease," Frederick James

Federal Security Agency, United States Public Health Service: "Health Service," Norman Y. Hooper

Maryland Academy of Science: "Some Physical and Physiological Phenomena in Light for Seeing," W. D. Boynton
O. W. Brandhorst: "Dental Literature"
Morris Mestel: "Art Collection on St. Appollonia"
George M. Anderson: "The Art of Adalbert J. Volck, D.D.S."

HISTORICAL DRAMA

(Ford's Theatre)

Monday and Tuesday, March 18 and 19, 8:30 p.m.

F. Noel Smith, *Chairman,* Baltimore, Maryland

Wilderness: A Cavalcade of the Profession of Dentistry

(Written for the Dental Centenary Celebration by Charles Marquis Warren; produced and directed by Edwin Tunis)

The drama will be a cavalcade of American Dentistry, with Horace Hayden as the central and coordinating character. Beginning in 1780 with a scene laid in a field dressing-station near Yorktown, and ending in 1940 with a scene laid in a modern dental office, the story of the rugged road American dentistry has travelled will be told in twenty-five colorful and dramatic episodes. The blundering ignorance of the early itinerant practitioners; the leadership of the pioneers who accepted the challenge of scepticism and abuse; the worth and genius of the great characters who founded the elements of the dental triad of education, organization and literature—these features of dental progress form the highlights of the drama. Among the leading dental figures to be depicted are Horace Hayden, Chapin Harris, Joseph LeMaire, Josiah Flagg, James Gardette, John Greenwood, John Lovejoy, Elisha Baker, Elisha Townsend, and Samuel White. George Washington and Lafayette are included among the lay characters who contribute effective background to the various scenes.

LOCAL ARRANGEMENTS

James H. Ferguson, Jr., *Chairman,* Baltimore, Md.

SUNDAY, MARCH 17

9:00 a.m. to 5:00 p.m. Registration: Mezzanine Floor, Lord Baltimore Hotel.

2:00 p.m. Trapshooting: the Oriole Gun Club, Gwynns Falls Park.
Skeet Shoot: guns all bore. Entrance fee, including 50 targets, $1.50.
Straight Targets: 16 yards handicap. Entrance fee, including 50 targets, $1.50.

MONDAY, MARCH 18

9:00 a.m. to 5:00 p.m. Registration: Main Floor, Fifth Regiment Armory.

5:00 p.m. to 7:00 p.m. Stag Reception, Lord Baltimore Hotel. Members of the American Dental Association who have registered for the meeting are invited.

TUESDAY, MARCH 19

9:00 a.m. to 5:00 p.m. Registration: Main Floor, Fifth Regiment Armory.

5:00 p.m. to 7:00 p.m. Stag Reception, Lord Baltimore Hotel. Members of the American Dental Association who have registered for the meeting are invited.

7:00 p.m. Dinner Dance with Floor Show (informal), Lord Baltimore Hotel.

WEDNESDAY, MARCH 20

9:00 a.m. to 5:00 p.m. Registration: Main Floor, Fifth Regiment Armory.

1:00 p.m. Golf Tournament: an 18-hole golf tournament will be held at the Roland Park course of the Baltimore Country Club. Valuable prizes will be awarded and refreshments will be served at the clubhouse following the match. Information regarding the golf tournament may be had at registration headquarters and at all information booths.

RADIO PROGRAM

Station WCAO: "Growing Perfect Teeth." L. M. Waugh, New York, N. Y.
Station WFBR: "A Century of Progress in American Dentistry." Arthur H. Merritt, New York, N. Y.
Station WBAL: Scene from Historical Drama

SCHOOL PROGRAMS

MONDAY, MARCH 18

9:00 a.m. Eastern High School: "American Contribution to the Building of a Profession." W. N. Hodgkin, Warrenton, Va.

12:30 p.m. McDonogh School: Lon Morrey, Chicago, Ill.

2:00 p.m. Catholic High School of Baltimore: "Diet and the Teeth." Frank P. Duffy, West Warwick, R. I.

2:15 p.m. Seton High School: "Dentistry's Contribution to a Happier Life." Daniel F. Lynch, Washington, D. C.

TUESDAY, MARCH 19

8:45 a.m. Roland Park Country School: "Preventive Dentistry, a Phase of Preventive Medicine. L. R. Main, St. Louis, Mo.

9:00 a.m. Patterson Park High School: "Some Facts, Fads, and Frauds in Dental Health." W. R. Davis, Lansing, Mich.

9:00 a.m. Calvert Hall College: "The Value of a Clean Mouth and Sound Teeth." Albert L. Midgley, Providence, R. I.

9:00 a.m. Frederick Douglass High School: "Dentosphere." Russell A. Dixon, Washington, D. C.

11:00 a.m. Towson High School

11:45 a.m. State Teachers College: "Good Teeth—Good Health." John Oppie McCall, New York, N. Y.

1:30 p.m. Paul Lawrence Dunbar High School: "Your Teeth and Your Future." Charles J. Hollister, Harrisburg, Pa.

WEDNESDAY, MARCH 20

9:00 a.m. Baltimore City College: "Some Aspects of the Problem of Dental Health." Thomas E. Purcell, St. Louis, Mo.

9:00 a.m. Forest Park High School: "The Evaluation of the Human Denture in One's Career." E. H. Valentine, Macon, Ga.

9:00 a.m. Southern High School: "A Life Time Investment." Gordon M. GaNun, New York, N. Y.

9:00 a.m. Western High School: "The American Dentist." C. Raymond Wells, New York, N. Y.

10:25 a.m. Baltimore Polytechnic Institute: "Our Teeth." John E. Gurley, San Francisco, Calif.

LUNCHEON CLUB PROGRAM

TUESDAY, MARCH 19, 12:15 P.M.

ROTARY, Lord Baltimore Hotel: "The Romance of American Dentistry." Arthur H. Merritt, New York, N. Y.

TUESDAY, MARCH 19, 12:15 P.M.

LIONS, Southern Hotel: "Dentistry A Community Problem." Charles J. Hollister, Harrisburg, Pa.

WEDNESDAY, MARCH 20, 12:30 P.M.

EXCHANGE, Lord Baltimore Hotel: "Things in Life Which Count the Most." Walter T. McFall, Asheville, N. C.

WOMEN'S PROGRAM

MONDAY, MARCH 18

9:00 a.m. to 5:30 p.m. Historical Exhibits at the Fifth Regiment Armory.

8:30 p.m. Historical Drama at Ford's Theatre.

TUESDAY, MARCH 19

10:00 a.m. Fort McHenry, Annapolis and Naval Academy Tour.

Busses leave the Lord Baltimore Hotel, making a brief stop at Fort McHenry en route to Annapolis. The trip will include a visit to the Naval Academy, St. John's College, the State House, and old St. Anne's Episcopal Church. Visits will be made to several famous homes, all residences of the colonial period occupied in the beginning by men who contributed largely to the history of our country. Annapolis is one of the most historical little cities in America.

Lunch will be served at Carvel Hall Hotel at 1:00 p.m. The

busses will return to Baltimore following lunch. The price of the round trip tour, including lunch, will be $1.25. Purchase tickets at the information booths in the lobbies of the hotels or at the Armory.

7:00 p.m. Dinner dance with Floor Show (informal), Lord Baltimore Hotel.

8:30 p.m. Historical Drama at Ford's Theatre

WEDNESDAY, MARCH 20

10:00 a.m. Baltimore tour and bridge luncheon for ladies, Baltimore Country Club. Busses leave the Lord Baltimore Hotel on a visit to points of unusual interest, such as the site of the first dental college, the University of Maryland, the Enoch Pratt Library, the Baltimore Cathedral (the first Catholic cathedral to be erected in America), Walters Art Gallery, the Peabody Conservatory of Music, the Washington Monument (the first in America to be erected in honor of George Washington), the Johns Hopkins University, the Art Museum, and the Chapin A. Harris Monument.

Luncheon at the Baltimore Country Club at 1:00 p.m.; followed by bridge, at which door and table prizes will be given. Tickets will be $1.25 each, and will include the tour and the luncheon.

FRATERNITIES

ALPHA OMEGA FRATERNITY

The Alpha Omega Alumni Club of Baltimore will sponsor a luncheon for visiting Fraters on Monday, March 18, 12:30 p.m., at the Lord Baltimore Hotel.

PSI OMEGA FRATERNITY

The Oriole Alumni Chapter of Psi Omega will hold a luncheon on Monday, March 18, 12:30 p.m., at the Emerson Hotel.

SIGMA EPSILON DELTA FRATERNITY

The Sigma Epsilon Delta Fraternity will hold its annual convention in Baltimore, March 15, 16, 17, just prior to the Dental Centenary Celebration. Headquarters will be at the Emerson Hotel. All Fraters who expect to attend should send for their reservations early.

XI PSI PHI FRATERNITY

There will be a stag reception for active and alumni members, and guests of XI Psi Phi on Monday, March 18, 5:15 to 6:30 p.m., at the Lord Baltimore Hotel. (Refreshments)

COMMERCIAL EXHIBITS

Abbott Laboratories, North Chicago, Ill.
Ackerman Dental Mfg. Co., Santa Monica, Calif.
Aderer, Inc., Julius, New York City.
Air Conditioning, Inc., Baltimore, Md.
American Automatic Elec. Co., Baltimore, Md.
American Cabinet Co., Two Rivers, Wisconsin.
Anacin Co., Chicago, Ill.

Antidolar Mfg. Co., Inc., New York City.
Ash, Claudius, Irvington, N. J.
Austenal Laboratories, Inc., New York City.

Baker & Co., Inc., Newark, N. J.
Baltimore Dental Laboratory, Baltimore, Md.
Bard Parker Co., Inc., Danbury, Conn.
Bayer Aspirin, New York City.
Benton Co., Luther B., Baltimore, Md.
Bisodol Co., New Haven, Conn.
Bosworth Co., Harry J., Chicago, Ill.
Bristol-Myers Co., New York City.
Burns Dental Casting Machine Co., Flushing, N. Y.
Burroughs Wellcome & Co., Inc., New York City.
Burton Mfg. Co., Chicago, Ill.

Cassel, Roy H., Baltimore, Md.
Caulk Co., L. D., Baltimore, Md.
Caulk Co., L. D., Milford, Del.
Chesapeake & Potomac Telephone Co., Baltimore, Md.
Chicago X-Ray Film & Mount Co., Chicago, Ill.
Cleveland, Clark, Inc., Binghamton, N. Y.
Cleveland Dental Mfg. Co., Cleveland, Ohio
Columbia Dentoform Corp., New York City.
Columbus Dental Mfg. Co., Brooklyn, N. Y.
Condit, P. N., Boston, Mass.
Consolidated Car Heating Co., Inc., Albany, N. Y.
Consolidated Gas & Electric Co., Baltimore, Md.
Cooper Dental Laboratory, Baltimore, Md.
Co-Operative Dental Laboratory, Baltimore, Md.
Corega Chemical Co., Cleveland, Ohio.
Corning Rubber Co., Inc., Brooklyn, N. Y.
Cosmos Dental Products, New York City.
Curulite Products, Inc., New York City.

Dee & Co., Thomas J., Chicago, Ill.
Deeley & Son, Charles R., Baltimore, Md.
DeLuxe Dental Laboratory, Baltimore, Md.
Delvale Dairies, Inc., Baltimore, Md.
Dental Specialty Co., Denver, Colorado.
Dentists' Supply Co., New York City.
Dudley Research Corp., New York City.

Eastman Kodak Co., Rochester, N. Y.
Emerson Drug Co., Baltimore, Md.

Fischer & Co., Inc., H. G., Chicago, Ill.
Fleet, C. B., Lynchburg, Va.

General Electric X-Ray Corp., Chicago, Ill.

Hanau Engineering Co., Buffalo, N. Y.
Handler & Son, Edward, Newark, N. J.
Horlick's Malted Milk Corp., Racine, Wisconsin.
Hu-Friedy Mfg. Co., Chicago, Ill.
Hynson, Westcott & Dunning, Baltimore, Md.

Ideal Tooth, Inc., Cambridge, Mass.
Ivory, J. W., Philadelphia, Pa.

Jelenko & Co., Inc., J. F., New York City.
Johnson & Johnson, New Brunswick, N. J.
Justin & Son, Inc., H. D., Philadelphia, Pa.

Kerr Mfg. Co., Detroit, Michigan.
Kolynos Company, New Haven, Conn.
Konformax Laboratories, Inc., Brooklyn, N. Y.

Lavoris Company, Minneapolis, Minn.
Lea & Febiger, Philadelphia, Pa.

McCormick Rubber Co., E. J., Passaic, N. J.
McKesson Appliance Co., Toledo, Ohio.
Merck and Co., Rahway, N. J.
Mizzy, Inc., New York City.
Mosby Co., C. V., St. Louis, Missouri.

Ney Co., J. M., Hartford, Conn.
Novocol Chemical Mfg. Co., Brooklyn, N. Y.
Noxzema Chemical Co., Baltimore, Md.

Ohio Chemical & Mfg. Co., Cleveland, Ohio.

Pelton & Crane Co., Detroit, Michigan.
Philip Morris & Co., Ltd., New York City.
Phillips Chemical Co., Charles H., New York City.
Picker X-Ray Corp., New York City.
Popper, George, New York City.
Precious Metals Research Works, New York City.
Premier Dental Products Co., Philadelphia, Pa.
Puritan Compressed Gas Corp., Kansas City, Missouri.
Pycope, Inc., Jersey City, N. J.

Ransom & Randolph Co., Toledo, Ohio.
Read Drug & Chemical Co., Baltimore, Md.
Rice's Bakery, Baltimore, Md.
Ritter Dental Mfg. Co., Rochester, N. Y.
Rooney & Biggs, Inc., Baltimore, Md.
Rothstein Dental Laboratory, Washington, D. C.
Rubinstein Dental Equipment Co., New York City.

Saunders Co., W. B., Philadelphia, Pa.
Schaefer, Osker, Jersey City, N. J.
Seligman & Hite Dental Laboratory, Baltimore, Md.
Sharp & Dohme, Inc., Philadelphia, Pa.
Squibb & Sons, E. R., New York City.

Universal Dental Co., Philadelphia, Pa.

Vernon-Benshoff Co., Pittsburgh, Pa.

Wander Company, Chicago, Ill.
Weinbaum Dental Depot, J. S., Baltimore, Md.
Wernet Dental Mfg. Co., Jersey City, N. J.
Western Maryland Dairy, Baltimore, Md.
White Dental Mfg. Co., S. S., Philadelphia, Pa.
Williams Gold Refining Co., Inc., Buffalo, N. Y.
Wyeth & Brother, John, Inc., Baltimore, Md.

Yeager, Henry M., Baltimore, Md.
Year Book Publishers, Chicago, Ill.

ALUMNI NEWS

Message to the Alumni

THE year 1940 should be an important date in the professional life of every dental graduate in the world. To every alumnus of the Baltimore College of Dental Surgery it should be the *most* important date in his professional life. The reason for this is, of course, that 1940 marks the centennial of dentistry as an organized profession. The Centenary is to be celebrated in Baltimore March 18, 19, and 20.

It was the founding of our alma mater that ushered in this—to our profession, at least—vital era. The dean and faculty of the College and the officers of the Alumni Association look forward with confidence to the largest gathering in the history of the Alumni of the old school. If each member not living in Maryland feels the significance of this notable year and its approaching celebration as we do in Baltimore, our hope will be realized. You can be assured of a warm welcome at the University and by the officers and committees of the Association. Do not forget that you, as an alumnus of the Baltimore College of Dental Surgery, will occupy a unique position in the Centenary Celebration, since the founding of our School marked the beginning of this century of achievement. In a sense we shall be hosts to the thousands of alumni of other colleges who will be here to celebrate dentistry's first hundred years of accomplishment. We cannot, therefore, devote as much time to our own affairs as we would like; but the Class Reunion Committee, of which Dr. B. Sargent Wells is chairman, the Alumni Centennial Committee, of which Dr. Arthur I. Bell is chairman, and the various other Alumni Committees are providing for as many specific activities as the very full program will permit. You will hear from them well in advance of the meeting. Notwithstanding the efforts that will be put forth here on every hand, especially by the Alumni Association, to have a memorable reunion during the Dental Centenary Celebration, the faculty of the School and the officers of the Association will make the usual preparations for the annual gathering of the Alumni and the special activities which belong to the Commencement period in June and sincerely hope that a large number of members will return here at that time also.

In view of the unusual activities this year which center around our alma mater, it is hoped that a large increase in the number of paid memberships will be realized so that the activities of the Association can be broadened.—Harry E. Kelsey, *President, National Alumni Association of the Baltimore College of Dental Surgery, Dental School, University of Maryland.*

National Alumni Association

The annual Alumni program of activities and reunion dinners was held on June 1 and 2.

The festivities began with the always popular clinics in Oral Surgeon under the supervision of the late Dr. Robert P. Bay. These were followed by a luncheon—no speeches—at the Longfellow Hotel, with over 130 in attendance. Then the golfers played their tournament, Dr. K. W. Preis '29 winning the cup.

In the evening the various "5-year" classes held their individual reunion dinners. Good food, good fellowship, joy at

seeing one another, and the rehashing of events when at School were the order of the evening.

The scientific program was presented on the second day. Our two essayists, Dr. Shanahan and Dr. Miller, both of New York, presented excellent papers on prosthetics and periodontia. Dr. Miller's motion picture on balancing occlusion was well received. The annual business meeting followed. Dr. Harry C. Kelsey '96 was elected president and the announcement of the first contribution to the Endowment Fund ($100.00 by Dr. Joseph C. Carvalho '14) was made.

In the afternoon ten table clinics on ten different topics of dental techniques were presented by the staff of the School. These were in the nature of "refresher courses." The attendance was excellent.

The activities ended with the Alumni Banquet. The graduating class was presented to President H. E. Kelsey. Entertainment and dancing followed.

The increasing numbers of returning alumni and the spirit demonstrated by them throughout these affairs are indeed a stimulus for future programs to be sponsored by the Alumni Association. Won't you join us this year?

Class Reunions

For a number of years it has been the custom of the National Alumni Association of the Baltimore College of Dental Surgery, Dental School, University of Maryland to sponsor reunions. This year we shall hold reunions of all classes in conjunction with the Dinner of the Centenary Celebration on the evening of March 19, at the Lord Baltimore Hotel.

Write your chairman for any special information. How about having the general chairman reserve a table for your class?

Class Reunions Committee: B. Sargent Wells, Chairman, Medical Arts Building, Baltimore

1895—Timothy O. Heatwole, 1800 N. Charles Street, Baltimore
1900—E. Gordon Holbrook, Medical Arts Building, Baltimore
1900—C. Dove Sadler, 34 E. 25th Street, Baltimore
1905—Karl P. Heintz, 121 Bedford Street, Cumberland
1910—Charles E. Waters, Howard & Saratoga Streets, Baltimore
1910—Arthur L. Davenport, Baltimore Life Building, Baltimore
1915—Guy O. Lyon, 819 W. 36th Street, Baltimore
1915—David C. Danforth, 3501 Greenmount Avenue, Baltimore
1919—Hugh T. Hicks, Medical Arts Building, Baltimore
1921—W. Buckey Clemson, Medical Arts Building, Baltimore
1925—Edward D. Stone, Jr., Medical Arts Building, Baltimore
1930—John W. Wolf, 3700 Edmondson Avenue, Baltimore
1935—Francis A. Sauer, 4600 Park Heights Avenue, Baltimore

New Jersey Alumni Meeting

On Wednesday, November 29, 1939, at the Newark Athletic Club, Newark, New Jersey, the Alumni of the University of Maryland, practicing in New Jersey, held their annual fall celebration. The attendance was excellent and representative of all sections of New Jersey. A list of those present is appended.

The meeting was called to order by the vice-president, Dr. Charles Burroughs '34. Dr. William Joule '34 reported as secretary-treasurer. Dr. James H. Samuels '14, the president was speechless, not because of the crowd or the speaker of the evening we hope, but because he had been talking a little too much to sundry Kiwanis Clubs and had somehow lost his voice. Dr. Frank Houghton '17 was toastmaster. Dr. G. A. Devlin '23 introduced the speaker,

Dr. George Anderson of Baltimore, substituting for the Dean, Dr. J. Ben Robinson, who was unable to attend. Dr. Anderson '19 spoke on the Centenary of Dentistry to be celebrated in Baltimore March 18, 19 and 20, 1940. The organization of the various activities of the Centenary Celebration was stressed and the assembled alumni learned of the tremendous amount of work that has gone into making the Celebration a unique dental meeting.

Following Dr. Anderson's talk, Dr. Houghton introduced other alumni of the Dental School.

There followed a clever magician, who showed many tricks which were received in excellent humor by those present, and the evening was further enlivened by an accordionist playing popular tunes.

Dr. Burroughs '34 was elected president, Dr. Joule '34 vice-president, and Dr. Harold Van Winkle '21 secretary-treasurer for the coming year.

Those attending New Jersey Alumni Meeting, Wednesday, November 29, 1939, Newark, N. J.

S. L. Micone (1923), 872 Broadway, Newark
V. D. Mattia (1921), 204 Highland Ave., Newark
C.B. Gibbins (1924), 60 Roseville Ave., Newark
J. L. Downs (1937), 2770 Boulevard, Jersey City
J. B. Moss (1923), 137 Smith St., Perth Amboy
J. E. Boyle (1910), 747 Rahway Ave., Elizabeth
J. H. Aumock (1934), Maple Avenue, Barnegat
J. D. Ross (1934), 409 Kearny Ave., Kearny
A. Jacobs (1928), 605 Broad St., Newark
J. Joule (1926), 447 Kearny Ave., Arlington
C. L. Whitman (1927), 210 Main St., Hackensack
C. E. Burroughs (1934), 144 Harrison St., East Orange
G. A. Devlin (1923), 31 Lincoln Park, Newark
G. M. Anderson (1919), 831 Park Ave., Baltimore
Frank J. Houghton (1917), Jersey City Med. Center, Jersey City
James H. Samuel (1914), Record Bldg., Morristown
Wm. R. Joule (1934), 447 Kearny Ave., Arlington
Albert A. Harrington (1910), 43 Bleecker St., Newark
Charles A. Spahn (1903), 47 Central Ave., Newark
Frank T. Maxson (1911), 43 Bleecker St., Newark
J. B. Stevens (1901), Medical Towers, Newark
Walton J. Graft (1910), 49 Bleecker St., Newark
E. C. Reork (1915), N. Y. U.
Horace H. Stagg (1928), 53 Centre Ave., Westwood
A. G. Munkittrick (1929), 735 Mt. Prospect Ave., Newark
R. R. McLean (1934), 92 Fairview Ave., Jersey City
Jos. J. Martini (1934), 663 Main St., Passaic
C. Frank Sabatino (1934), 121 Watchung Ave., Plainfield
Charles H. Fallon (1896), 1520 S. Broad St., Trenton
Sol Rosen (1929), 1472 Clinton Ave., Irvington
Harry Fine (1919), 676 Springfield Ave., Newark
J. M. Berwald (1911), 600 E. Jersey St., Elizabeth
Frederick H. Huff (1914), 140 Main St., East Orange
Abe Bromberg (1922), 128 Market St., Passaic
Harold Van Winkle (1921), Summit
Ken Magee (1926), Nutley
Walter Shaak (1923), Kearny
Wm. C. Terhune (1922), Arlington
Elwood S. Snyder (1931), West Orange
R. D. Grace (1929), East Orange
E. C. Carpenter (1913), Irvington
E. A. Goldberg (1935), 238 Kearny Ave., Kearny
A. H. Schilling (1935), 417 Hackensack St., Carlstadt
W. G. Clark (1933), 102 Grove St., Elizabeth
M. S. Liddy (1933), 319 Cherry St., Elizabeth
L. Nelson (1933), 744 Broad St., Newark
C. S. Jonas (1937), 818 N. Ohio Ave., Atlantic City
Bernard Kniberg (1928), 138 Clinton Ave., Newark
Milton Robin (1929), West Orange
J. B. Silverman (1922), 299 Clinton Ave., Newark
Irving Sofferman (1928), 199 Stuyvesant Ave., Newark
John B. Morrissey (1935), Peoples Bank Bldg., Passaic

Fraternities and Societies

MARYLAND STATE DENTAL ASSOCIATION

The Dental Centenary Celebration is not far off—March 18, 19, 20, 1940. We sincerely hope that every one reading this brief message begins planning at once to attend this meeting of meetings.

Dr. B. Lucien Brun, General Chairman, has worked unceasingly with his most capable group of Committee Chairmen for more than a year to make this the outstanding dental meeting of all time. The complete program will be found elsewhere on these pages and a careful study, we believe, will convince you that our enthusiasm is not at all unwarranted. The Maryland State Dental Association cordially invites you to attend.

In view of the emphasis being placed on the Centennial, the Board of Governors of the State Society has voted to limit the annual May Meeting to a one-day session. It is the opinion of the Board that the entire membership would prefer to concentrate our combined efforts to make the Centenary an outstanding event in dental history and that our regularly patterned annual meeting, following so soon after, would be an anticlimax.

And so—"On to Baltimore." See you then.

THE INTERNATIONAL ASSOCIATION FOR DENTAL RESEARCH

The next general meeting of the International Association for Dental Research will be held in the Benjamin Franklin Hotel, Philadelphia, on March 13 and 14. The annual dinner will be held on March 14, at 6:30 p.m. Visitors are welcome to the scientific meetings.

This meeting is being held prior to the National Dental Centenary Celebration with the hope that the visitors will stay over for the celebration in Baltimore on March 18, 19, and 20.

UNIVERSITY OF MARYLAND BIOLOGICAL SOCIETY

The annual business meeting of the Society was held in Gordon Wilson Memorial Hall, University Hospital, on December 12, 1939.

The following officers and council members were elected for the year 1940:

President: Dr. C. Jelleff Carr, Medical School

Secretary: Dr. Thomas Grubb, Pharmacy School

Treasurer: Dr. Marion W. McCrea, Dental School

Councilor: (1 year)—Dr. Frank Figge, Medical School

Councilor: (4 years)—Dr. Edward C. Dobbs, Dental School

Dr. William E. Hahn, Assistant Professor of Anatomy, School of Dentistry, was elected to full membership in the Society.

The University of Maryland Biological Society meets once each month for a program meeting. The faculty and students of the Dental School are invited to attend these meetings.

OMICRON KAPPA UPSILON

The Phi Chapter of Omicron Kappa Upsilon Fraternity held its annual Banquet and Convocation on May 31, 1939, at the Southern Hotel, Baltimore. The attendance was the largest in the history of Phi Chapter.

After the banquet, Dr. Brice M. Dorsey presented the 1939 graduates, who were then inducted into the fraternity. They were:

George Coffman Blevins
Harold Edwin Plaster
Bertrand Oswald Chan-Pong
Kenneth Vincent Randolph

Garnet Paul Francis, Jr.
John Hoffman Wooden, Jr.
Verda Elizabeth James
Naomi Ada Dunn

Dr. Alexander H. Paterson presented the following Faculty members for induction:

William V. Adair '23
Jose R. Bernardini '19
Nathan B. Scherr '22
Daniel E. Shehan '22
Edward C. Dobbs '29

Dr. J. Ben Robinson presented the following alumni members for induction, many of whom were members of his own class of 1914 celebrating their twenty-fifth class reunion. This was an especially pleasurable occasion.

Harvey K. Foster '14
Manuel G. Guerra '14
Matthews C. Holmes '14
T. Benj. Hunter '14
John Richard Lamb '14
Benj. Robert Morrison '19
William E. Paul '14
Huber S. Plaster '26
James H. Samuel '14
H. Bates Small '04
Frank V. Swearingen '24

Dr. Albert A. Harrington '10, who had been selected as the Honorary Member, was presented by Dr. Burt B. Ide.

The Hon. Charles E. Moylan, of Baltimore, delivered the address.

The annual Convocation and Banquet of O.K.U. is one of the outstanding events of the Commencement Activities and is attended by many out-of-state members.

The officers of Phi Chapter are:

President: George C. Karn '15
Vice-president: Walter L. Oggesen '26
Secretary-treasurer: Brice M. Dorsey '27

SIGMA EPSILON DELTA ALUMNI

With the addition to our rolls of several recent graduates we are indeed happy to see our Graduate Chapter become a well balanced and enthusiastic organization. This graduate group meets bi-monthly throughout the year. The programs arranged are varied, including both scientific and cultural subjects. The meetings take the form of seminars in which intimate discussions of the subject matter take place.

A women's auxiliary has been formed; in the short period of their existence they have arranged several enjoyable "get-togethers."

To commemorate the Birth of Modern Dentistry and also to celebrate the Thirty-ninth Anniversary of Sigma Epsilon Delta, our Grand Council is bringing the 1940 Convention to Baltimore. Our Convention will be held March 15, 16, 17, 1940, just prior to the Centennial Celebration. The program has been arranged to prepare the men for the big events of the Centenary Celebration. We expect our Maryland Alumni to return en masse to help celebrate the part their Alma Mater has played in the History of Dentistry.

Because of the outstanding scientific program prepared by the Dental Centenary Committee, the scientific portion of the S.E.D. convention will be limited to two presentations: Dr. Herbert Kabnick, head of the Crown and Bridge Department at New York University Dental College, will discuss "Fixed Bridge Construction and Its Application as an Aid to Periodontia in Whole Mouth Rehabilitation"; Dr. Sidney Reisner, Research Associate at Columbia University, investigating the x-ray study of the Temperomandibular Articulation, will discuss the results of his research. As has been our custom in the past, this part of our program is open to the mem-

bers of the dental profession in Baltimore, who are cordially invited to attend. The place is the Emerson Hotel; the time 2–5 p.m., Sunday, March 17.

XI PSI PHI ALUMNI

The Xi Psi Phi Alumni of Eta Chapter have continued their monthly meetings during the past year and renewed interest is being shown not only in attendance but in willingness to assist as much as possible the members of the Active Chapter.

The following officers were elected for this year:

President: Kyrle W. Preis
Vice-president: John M. Hyson
Secretary: Filbert L. Moore
Treasurer: Ralph L. Hodges

In conjunction with the celebration of the Centenary of Dentistry to be held in Baltimore on March 18, 19, and 20, the Maryland State Alumni Chapter of the Xi Psi Phi has planned a stag reception for the active and alumni members of the fraternity to be held at the Lord Baltimore Hotel, on Monday, March 18 at 5:15 to 6:30 o'clock. Representatives from the various active and alumni chapters are cordially invited. Refreshments and appetizers will be served, unhampered by speeches. We believe this to be an excellent opportunity for renewing acquaintances and providing a good start for what we hope to be an enjoyable evening. Information booths will be located at the Lord Baltimore Hotel and at the Armory. Please register and indicate whether you will attend the reception.

XI PSI PHI WOMAN'S CLUB

The interest and support of the women of Xi Psi Phi have been mainly responsible for the many successful social functions of the fraternity.

PSI OMEGA ALUMNI

The Oriole Alumni Chapter got away to a good start this year with a large attendance at their first meeting in October. Brother Arthur Bell had seen to it that the tables were abundantly supplied with food. Over thirty-five attended this meeting. The meetings in November and December were equally well attended. Our meetings are held on the Tuesday noon following the monthly meeting of the Baltimore City Dental Society, which meets the second Monday of the month.

At our meeting in December the following Brothers were elected as officers for the year 1940:

Grand Master: H. B. McCarthy
Junior Master: E. F. Corey
Secretary: D. R. Swinehart
Treasurer: L. W. Bimstefer
Editor: N. H. McDonald
Executive Council:
C. L. Inman
B. S. Wells
L. I. Davis
O. H. Gaver
C. A. Bock

At the present time plans are being formulated to have a "get-together" of our visiting Brothers during the Centennial Celebration in March. Just what the nature of this meeting will be has not been determined. Certainly it will be in keeping with the occasion—as the first Chapter of Psi Omega (Alpha) was founded at the first Dental School forty-eight years ago, and has been steadily growing and progressing ever since. Today the Mother chapter stands as one of the strongest chapters of any Greek letter fraternity in existence.

If any of our Brothers have any suggestions for this event the Grand Master will be glad to receive them. Full details

regarding our part in this Celebration will be published in the official program.

Here's hoping to see and greet many of our Brothers in Baltimore next March.

THE WOMEN OF PSI OMEGA

The women of Psi Omega are having an active season. The opening event was the annual luncheon and raffle held in October. Dr. C. Adam Bock gave an interesting and enlightening address to the ladies on the Centenary Celebration. A dance at the Longfellow Hotel proved to be a pleasant affair. The music was furnished by Earl Simpson's orchestra. A Christmas Party was given for the boys of the active chapter at the Psi Omega House on December 17. A buffet supper was served at 6 p.m. Everyone enjoyed the evening and joined in the singing of Christmas Carols to the accompaniment of piano and accordion. A benefit performance was held at the Vagabond Theater, January 19, when the popular and successful "Yes, My Darling Daughter" was presented. Many improvements have been made during the year at the Fraternity House.

ALPHA OMEGA ALUMNI

Alpha Omega in Baltimore is maintaining its rightful sphere of influence. Its traditional progressive activity brooks no compromise. Work is the lot of every Baltimore Alpha Omegan. Work for the benefit of Alpha Omega—work for the benefit of Alpha Omegans—work for the progress of dentistry.

Our monthly meetings continue unbroken, well attended, well enjoyed, interesting, entertaining, instructive. Our Program Committee, under Dr. Goldstein, serves us nobly and well.

In December the Annual Alpha Omega Convention was held in Newark, New Jersey. Now we look onward to the convention of 1940 to be held in Baltimore. All aims, hopes and efforts are bending toward that goal. No greater honor is bestowed upon a chapter of Alpha Omega than the coming of the convention to its city.

The officers of the chapter are:

Chancellor: Dr. Lazarus
Vice-chancellor: Dr. Trager
Scribe: Dr. Willer
Quaestor: Dr. Seligman
Editor: Dr. Hoffman

There will be an Alpha Omegan luncheon during the Centennial celebration on Monday, March 18. The place will be selected in the very near future as will be the headquarters for out-of-state Alpha Omegans.

THE WOMEN OF ALPHA OMEGA

The Ladies Auxiliary of the Alpha Omega Fraternity started its activities for the year with a luncheon at the Stafford Hotel planned by our social committee, Mrs. P. L. Block and Mrs. A. Bochenek. The committee has arranged an interesting schedule of events for the coming year. The program consists of a "Night of Games," a theatre night, lectures, and many interesting discussions to be carried on among the women.

Plans are being formulated for the 1940 Alpha Omega Convention to be held in Baltimore. The plans are very complicated, but the interest shown by the women will facilitate the work and make it a pleasure.

Alpha Omega women are now making arrangements for welcoming and entertaining the out-of-town women who will attend the Centenary in March.

The officers are:

President: Mrs. Meyer Eggnatz
Secretary: Mrs. David Willer
Treasurer: Mrs. Norton Brotman
Editor: Mrs. Jesse Trager

Personals

Dr. Frank J. Houghton (B. C. D. S. '17) was recently appointed Director of Dental Activities in Jersey City, with headquarters in the Jersey City Medical Center. This work includes all dental activities under the Board of Education, the Board of Health, the Hospitals of Jersey City, and every other phase pertaining to dentistry in Jersey City. The Jersey City Medical Center has twenty-one dental internes. Dr. Houghton is also president-elect of the New Jersey Dental Society.

Dr. James Harold Klock '26 was married to Margaret Louise Jones on November 19, 1939.

Dr. C. Frank Sabatino '34 was married to Madeline Frances Fooshkill on June 18, 1939.

Dr. Douglas Arthur Browning '34 was married to Mary Olree Knoeller on August 14, 1939.

Dr. Angelo Pasquale Pente '35 was married to Naomi Coscia on November 23, 1939.

Dr. Otto G. Klotz '36 was married to Irma Blanche Graham on August 23, 1939.

Dr. William Francis Sullivan '36 was married to Marie Massaro on October 16, 1939.

Dr. Gordon Scott Pugh '37 was married to Emily Virginia Wright on April 29, 1939.

Dr. F. Melvin Edwards '37 was married to Wahmettah Eleanor Crate on July 17, 1939.

Dr. William B. Simington '37 was married to Lilly Gordon Aitkenhead on June 23, 1939.

Dr. Kenneth Forsythe Downes '37 was married to Betty Williston Dowd on October 28, 1939.

Dr. Arthur J. Johnston '38 was married to Margaret Ann McConnell on July 3, 1939.

Dr. Eugene D. Lyon '38 was married to Doris Eleanor Miller on June 17, 1939.

Dr. Frank A. Lasley, Jr., '38 was married to Marjorie Leone Brey on July 1, 1939.

Dr. John Paul Barker '38 was married to Marjorie Louise Wheeler on November 25, 1939.

Dr. Irving W. Eichenbaum '39 and Dr. Naomi Ada Dunn '39 were married on July 30, 1939.

Dr. Joseph Gerald Rosen '39 was married to Ethel Berman on October 8, 1939.

Dr. William Joseph Noon, Jr., '39 was married to Elinor Warfield Dorsey on March 18, 1939.

Margaret Mary Nixon was married to John James Yeoumans on August 5, 1939.

Margaret Elizabeth Kober was married to Raymond Arthur Young on November 4, 1939.

Obituary

Franklin P. Bernard (B. C. D. S. '79) of Kennett Square, Pennsylvania, died on February 6, 1939.

J. F. Gregg (B. C. D. S. '86) of Washington, Pennsylvania, died on March 25, 1939.

A. Draper Coale (B. C. D. S. '96) of Tacoma, Washington, died on January 3, 1939.

Dennis F. Burke (B. C. D. S. '05) of Potsdam, N. Y., died 1939.

Leroy McMurray (U. of Md. '13) of Fernidinis, Florida, died in June, 1939.

C. C. Smith (B. C. D. S. '19) of Moundsville, W. Va., died on February 10, 1939.

C. H. Schaedel (U. of Md. '28) of Tenafly, New Jersey, died on August 1, 1939.

Joseph A. Themper (U. of Md. '21) of Washington, D. C., died on February 14, 1939.

Fred Peddie (U. of Md. '31) of Newark, New Jersey, died on July 8, 1939.

John S. Diehl (U. of Md. '86) of Hancock, Md., died on November 24, 1939.

William L. Davidson (B. C. D. S. '01) of Hartford, Conn., died on November 17, 1939.

William H. Walters (B. C. D. S. '92) of Pocomoke City, Md., died on November 28, 1939.

Frederick D. Garland (B. C. D. S. '07) of Pawtucket, R. I., died on May 13, 1939.

W. A. Trahan (U. of Md. '19) of Taunton, Mass., died on August 3, 1939.

J. B. Whedbee (B. C. D. S. '89) of Suffolk, Va., died on December 12, 1939.

Henry R. Breault (U. of Md. '97) of Fall River, Mass., died on October 31, 1939.

Lambert Kumle, Jr., (U. of Md. '03) died on June 28, 1939.

INTRODUCTORY LECTURE

Delivered before the Class of the Baltimore College of Dental Surgery, at the opening of its first session, November 3, 1840, by Chapin A. Harris, M.D., Professor of Practical Dentistry.

In entering upon the duties of the chair, to which I have been called, in the "Baltimore College of Dental Surgery," allow me to observe, that howsoever much of interest or curiosity the establishment of this institution—the first of the kind that has ever existed, either in this or any other country—may have awakened, it constitutes an era in the history of a most useful and valuable department of medicine; and if it be properly conducted, cannot be otherwise than productive of great good. Practiced as this branch of surgery too frequently has been, and in many instances even is at the present day, by individuals not having been specially educated for it, it is little better than a wide spread system of quackery; and that under such circumstances unfavourable results should often be experienced, is most reasonable to suppose. Few facilities have hitherto existed for obtaining the necessary preparatory instruction, and it has only been by unwearied industry, and patient persevering toil, that those who have obtained respectability and usefulness in the profession, acquired the information that enabled them to do it. But of the number now engaged in its practice, few comparatively, have thought it necessary, or had the ambition to attempt to surmount the obstacles that presented to the acquisition of a thorough and scientific knowledge of the art. Rather than do this, the majority have been content to exercise its duties the best way they could—seeming to care little, whether the principles upon which they practiced were correct, or the services they rendered their patients of value or not, but depending more, for public notoriety and favour, upon artful management, than skill; they, as in too many instances has been the case, have sought the former to the neglect of the latter.

No credential or evidence of competency having been looked for or required, the profession has become crowded with individuals, ignorant alike of its theory and practice; and hence its character for respectability and usefulness has suffered in public estimation, and a reproach been brought upon it, which it would not otherwise have deserved. The community at present is unable to discriminate between the well-educated and skilful practitioner, and the merest pretender –and

(*continued on page 35*)

In Memoriam

ROBERT P. BAY, M.D., F.A.C.S.

1884–1940

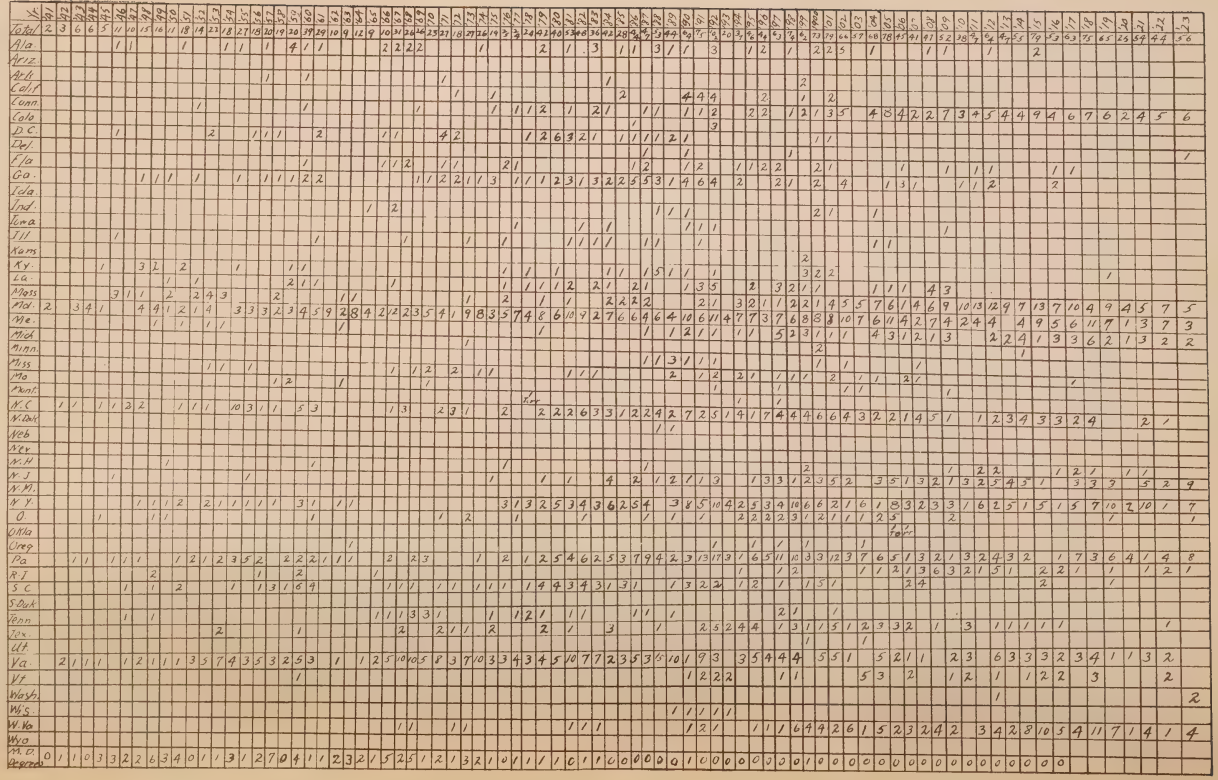
THE ADVENT of the new year was marked by an irreparable loss to the general public, to the medical and dental professions at large, and to the students and faculty members of the Baltimore College of Dental Surgery, Dental School, University of Maryland. Early on the morning of January 1, 1940, Robert P. Bay, M.D., F.A.C.S., died, following a heart attack.

Dr. Bay, son of the late Daniel Bay, was born on November 8, 1884, in Pylesville, Harford County, Maryland, where he received public school education. He was graduated from the University of Maryland Medical School in 1905. He later held the post of chief surgeon to the Maryland National Guard. At the time of our country's entrance into the World War, he became a major in the Army Medical Corps. In 1914, he was appointed chief medical examiner of the State Industrial Accident Commission, in which capacity he served up to the time of his death. During the mayoralty of William F. Broening, Dr. Bay was appointed acting chairman of the Supervisors of City Charities.

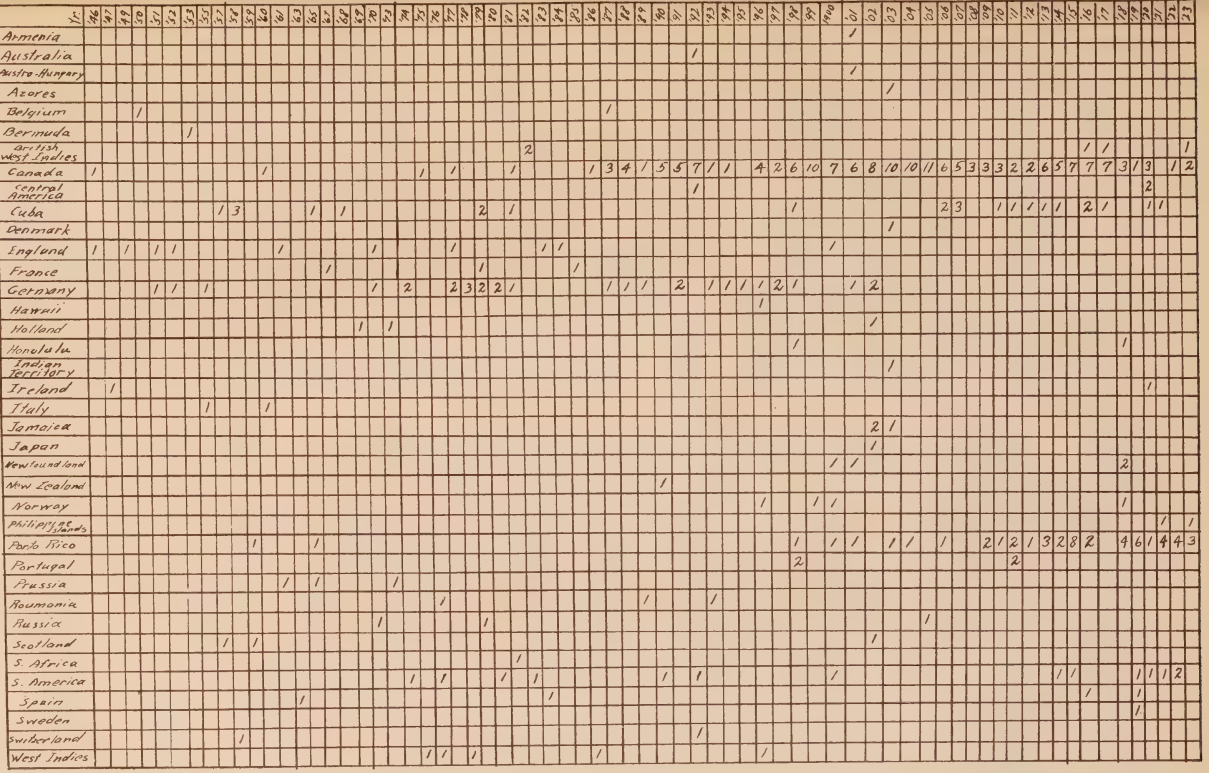
For many years prior to his death, this celebrated physician and active figure in public life was chief surgeon at the Maryland General Hospital, where he was deeply respected and admired by his associates for his unusual skill and for his kindness and generosity to patients. The students of the Dental School knew him best as Professor of Anatomy and Oral Surgery, in which chair he imparted knowledge of infinite value.

Among Dr. Bay's many other activities were the founding and directing of the Associated Hospitals Service of Baltimore and membership in the following organizations: the American Medical Association, the Southern Medical Association, the American College of Surgeons, the Baltimore and Maryland Country Clubs, the Shrine, and the Oriole Gun Club.

Of Dr. Bay's outstanding medical skill and surgical accomplishments, volumes can be written. However, let it be sufficient to say here that though we have lost his direct leadership, the influence of his brilliant mind and dexterous hand is being carried on by the many expert medical and dental surgeons whom he schooled.



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STUDENT ACTIVITIES

First Predental Class

WE, THE class of '45 and newest addition to the University of Maryland, face our golden opportunity with grim determination to be the most successful class ever to enter this excellent school of higher knowledge.

The class, although only twenty-nine strong, represents almost the entire Eastern Coast of the United States, the only exception being our lone ranger from Texas.

We arrived at the University on the twentieth day of September, when we were launched into the usual procedure of matriculation. After completing this task we began seeking new homes at which to stay during the ensuing year. At this point we wish to extend our thanks and gratitude to Miss Toomey for the help that she so generously gave us during that first week of strife.

Two days after our matriculation we attended our first classes. Those days during the first two weeks of University life were at times puzzling and perplexing. The assignments were long; but, as time overcame all obstacles, we adjusted ourselves to a very different method of instruction from that to which we had been accustomed.

In October the class held a meeting for the purpose of electing officers. The results were as follows:

President: O. H. Gaver, Jr., Linthicum Heights, Md.

Vice-president: E. H. Conner, Baltimore

Secretary: H. H. Flitton, Baltimore

Treasurer: J. C. Donohue, Baltimore

Sergeant-at-arms: J. R. Byars, Baltimore

Student Activity Representative: W. O'Hearn, Pittsfield, Mass.

Historian: B. Gordon, Phoenicia, New York

We feel that these officers will do their utmost to guide our class successfully through the coming year.

Now that we are well on our way, we look forward to the day when we can go to the dissection room without being called little boys, and then being sent out as such.

Second Year Predental

When we returned to our classes at the beginning of this semester, most of us were refreshed and revived by a not too long period of leisure. Others were still talking about how wonderful inorganic chemistry can be in the summer time. But one and all, we were thinking of our favorite course—Public Speaking—with Mr. Foley as our critic and teacher. Each of us was imagining the other standing on a soapbox at one of the corners of Lombard and Greene Streets.

What did we learn on registration day? Our expectations were crushed. We were to have English Literature instead of our beloved course. Now we could have no more of Carliner's politics, no more of Krasner's "illustrated lectures," no more of Brown's speeches on the manly art of bear hunting, no more speeches on that particular kind of billiards known as pool. Oh, well, if all the literature items are as bloody and gruesome as "Beowulf," English Literature will suffice.

Our company was depleted again at the end of last year. Several of the members are making very excellent and worthy second attempts. Some have deserted us in order to continue in

different universities and colleges. We certainly wish the best of good fortune to each of them.

There has been one addition to our class, Robert N. Bernert of West Hartford, Conn. Before entering the pre dental school, Bernert attended the University of North Carolina.

Here we stand, twenty-six strong, but gradually weakening under the terrific *Blitzkrieg* which physics is waging against us. Nor is organic chemistry a sinecure. The more we study, the more impossible the rules of all those reactions seem.

The officers of the class are as follows:

President: W. M. Whaley, Baltimore

Vice-president: S. H. Karesh, Charleston, S. C.

Secretary: Miss C. Capone, Baltimore

Treasurer: G. Y. Richman, New Britain, Conn.

Sergeant-at-arms: P. Zeender, Annapolis, Md.

Student Council: R. H. Smith, Harrington, Del.

Historian: M. Hollander, Baltimore

Freshman Class

The class of "43" is the one hundredth class to enter this dental school, and, symbolically, we have passed the one hundred mark in point of numbers.

Beginning this year all too conscious of the smirks of the sophomores and inspired by Dr. Hahn's assertion that the key to success lies in the suspension of social activities, we find that the transition from the college campus to the serious, studious atmosphere of the professional school has not been easy. The old freshman lament of "Gas! Gas! Gas in the air, gas in my hair" still resounds about these halls.

We are bearing up rather well under our burdens, however, and when we were asked to elect class officers we showed enough energy to carry on the usual diplomatic electioneering. We cast our ballots with the following results:

President: M. Liloia, Nutley, N. J.

Vice-president: C. Mass, Hartford, Conn.

Secretary: J. B. Zimmerman, Schaefferstown, Pa.

Treasurer: R. N. Pollak, Bronx, N. Y.

Sergeant-at-arms: B. M. Watson, Rio de Janeiro, Brazil

Historian: S. H. Heller, Brooklyn, N. Y.

As a matter of record it might now be well to give some statistics concerning the class. The oldest member is thirty; and the youngest, eighteen years old. The average age is 21.4 years. Twenty-two classmates hold Bachelor's degrees. We have representation from the following colleges and universities: Maryland, Western Maryland, Washington, Loyola, Johns Hopkins, Michigan, Virginia, N. Y. U., C. C. N. Y., Maine, St. Johns, Massachusetts, Bucknell, North Carolina, Connecticut, Brooklyn, Clemson, Buffalo, Long Island, St. Lawrence, Manhattan, Wake Forest, West Virginia, Illinois, Bergen, Tusculum, New Hampshire, Drake, Harvard, Albright, Vermont, Villanova, Furman, Holy Cross, Porto Rico, Southern California, Franklin and Marshall, and Providence.

Sophomore Class

At the first class meeting held on October 16, the following were elected officers:

President: S. Everson, Washington, D. C.

Vice-president: S. Hyman, Vineland, N. J.

Secretary: J. Powell, Clinton, N. C.

Treasurer: A. Berman, Spring Valley, N. Y.

Historian: R. Goldstein, Huntington, W. Va.

Sergeant-at-arms: A. Pecoraro, New York, N. Y.

Class Representative: A. Lazauskas, Baltimore

A more intense interest in dentistry seems to be evident among a large number of the class. Perhaps it is due to the increased percentage of lab technic courses and the decreased percentage of theory courses.

Junior Class

We are glad to report that the class remained intact in the advancement from the Sophomore to the Junior Year. In addition to this we are proud to present two transfers who have joined our class: J. Dembo from the Harvard Dental School and A. F. Matisi from the University of Pittsburgh Dental School.

Matisi, the baby of the class, gained great renown for his prowess on the football field as well as on the wrestling mat. While at Pitt he received the coveted All-American honor in 1936 and again in 1937. At the conclusion of his football activities at Pitt he played for the professional Detroit Lions. In addition to this record, he has been matched with the best of the wrestling pros and has emerged victorious in a good percentage of his matches.

Herbert Klingelhofer, the baron of the class, relates many interesting experiences of his trip abroad this past summer. He visited his father, a dentist in Germany, and traveled in nine European countries. Although not directly in the war area, the havoc and results of war were very evident to him.

The first function of the class as a whole was the election of class officers. Those elected are as follows:

President: W. M. Collins, Bellows Falls, Vt.

Vice-president: H. Sloan, Brooklyn, N. Y.

Secretary: D. C. Corbitt, Waverly, W. Va.

Treasurer: B. Birschtein, Atlantic City, N. J.

Sergeant-at-arms: E. C. Hewitt, Baltimore

Historian: E. Rosenberg, Jamaica, N. Y.

Student Representative: V. R. Hawkins, Union, S. C.

Senior Class

The senior class has been increased by the addition of Theodore Czaplinski, Brooklyn, N. Y., transfer student from Washington University, School of Dentistry. The following officers were elected to serve the class during the year:

President: B. A. Dabrowski, Baltimore

Vice-president: S. A. Belinkoff, Weehawken, N. J.

Secretary: J. B. Bookstaver, Teaneck, N. J.

Treasurer: S. Goldhaber, Flushing, N. Y.

Historian: J. I. Kasawich, Whitestone, N. Y.

Sergeant-at-arms: H. L. Westcott, New London, Conn.

Dental School Dance

The School of Dentistry held its annual "Mixer" dance on October 4 at the Maryland Casualty Club. This dance was attended by both the Predental and the Dental students. The music was supplied by Bob Iula and his band. Although hindered by showers over 250 couples were present. The dance was sponsored by the Student Activity Committee, which is composed of one representative from each class. It is to them that we must direct our thanks for a gala evening.

The Fraternities

SIGMA EPSILON DELTA, EPSILON CHAPTER

The fraternal year began with a stag smoker at the house during the second week in October; the enthusiasm shown at this affair gave indication of the widened scope of activities for the year.

Dr. Conrad Acton, lecturer in Principles of Medicine, initiated the 1939–40 lecture series with a very interesting and timely talk on his experiences as medical coroner for Baltimore City. His photographs of the recently publicized "torso" murder proved most effective.

All the efforts of Epsilon are now being directed toward the National Convention, which is being held in Baltimore for the first time on March 15, 16, and 17, 1940. Sports events, lectures, clinics, dances, business sessions, and card parties for the women, are some of the events which should help to make this three-day affair a success. Convention headquarters are at the Emerson Hotel and all incoming brothers are urged to register either there or at the fraternity house on their arrival in Baltimore.

Master: M. Storch, Passaic, N. J.
Chaplain: J. Cullen, Baltimore
Historian: R. Zuskin, Baltimore
Scribe: A. Herschaft, New York, N. Y.
Treasurer: P. Deneroff, New York, N. Y.
Inner Guard: C. Stoopack, Brooklyn, N. Y.
Outer Guard: H. Weiss, Glendale, N. Y.

PSI OMEGA, ALPHA CHAPTER

The following have been elected officers:

Grand Master: J. Bonham, Charleston, W. Va.
Junior Grand Master: J. Easton, Romney, W. Va.
Secretary: J. Tolley, Baltimore
Editor: R. Baker, Kings Mountain, N. C.
Chaplain: D. Farrell, Norwich, Conn.
Senator: W. Collins, Bellows Falls, Vt.
Historian: G. Reusch, Cranford, N. J.
Inside Guardian: N. Capone, Baltimore
Outside Guardian: E. Vitolo, Brooklyn, N. Y.
Chief Interrogator: J. Calloway, Beckley, W. Va.
Treasurer: B. Dabrowski, Baltimore
Chief Inquisitor: E. Hewitt, Baltimore

On November 13, 1939 the following were initiated: Bohne, Caldwell, Corder, Criss, Matisi, McDaniels, Tighe, Toffic, Toomey, Watson, and Wieland. On the same night a Hallowe'en dance was held at the house, which was gaily decorated. There was a fine attendance and the affair was a success.

Monthly meetings for regular members and pledges have been held as usual at the house. Many pledges have expressed a desire to join the chapter, so the enrollment will be greatly increased in March when the second initiation of the school year will be held.

This semester it has been planned to have several speakers who will talk on items of dental interest. These should prove instructive as well as interesting, and they are eagerly awaited by the various members.

XI PSI PHI, ETA CHAPTER

The following officers were chosen to serve the fraternity for the school year 1939–40:

President: Carl Schultheis, Baltimore
Secretary: J. Govane McClees, Baltimore
Treasurer: Ronald Lawrence, Elk Mills, Md.
Editor: Malcolm Parker, Freehold, N. J.

At the meeting held in October it was decided to hold clinics with the regular monthly meetings. These clinics will cover the operative and prosthetic fields of dentistry.

On November 27, a number of pledges were initiated, increasing the membership of the organization by a noticeable percentage.

ALPHA OMEGA, ZETA MU CHAPTER

Zeta Mu opened this school year with much spirit and enthusiasm. The house was redecorated with the aid of the active alumni group and its Women's Auxiliary.

Under the supervision of Policow and DeScherer of the initiation committee a successful smoker was held on September 26. This affair was attended by over one hundred and twenty-five alumni, undergraduates, pledges and guests. Those recently initiated were Keller, Singer, Taub, Zeger, Goldstein, Rogoff and Salutsky.

On November 11, a surprise stag dinner was held in honor of A. O.'s Praetor, Dr. William Kress of the School's orthodontic department.

The newly elected officers are as follows:

Chancellor: S. Heller, Bronx, N. Y.
Vice-chancellor: P. Dubansky, Baltimore
Scribe: M. DeScherer, Englewood, N. J.
Quaestor: B. Birschtein, Atlantic City, N. J.
Historian: K. Kornreich, Waterbury, Conn.
Sergeant-at-arms: L. Kolman, Trenton, N. J.
Chairman of House Committee: E. Rosenberg, Jamaica, N. Y.

JAMES TRUMAN, at the celebration, sponsored by the American Dental Association of the fiftieth anniversary of the discovery of modern anesthesia, held in Philadelphia, December 11, 1894: When we contemplate the past history of the world, the horrors of the battle-fields, the terrors of the hospitals, and the accidents of life, the mind falters in its attempt to grasp the aggregate of human misery. Who can translate this into words suitable for modern comprehension? This wail of the ages was voiced in the Garden of Gethsemane, when the Great Master of human thought, in anticipation of the cruel agonies of the cross, lifted up his voice and prayed, "Father, let this cup pass from me!" Eighteen centuries passed into oblivion with no response; but near high noon of the nineteenth, in the new world of Columbus, in a humble home in Hartford, there arose a "still small voice" sounding above this wilderness of suffering. It was wafted over the deep waters, echoed and re-echoed in joyous acclaim throughout the world: "Lo, the cry of agony from the surgeon's knife is silenced forever."

INTRODUCTORY LECTURE

(*continued from page 26*)

until it shall be able to do this, more or less of the reproach that is brought upon the pursuit by the latter, will be visited upon the former.

Accessible as has been the calling of the dentist to all that were disposed to engage in it, and that too, without regard to qualification, it has been resorted to by the ignorant and illiterate, and, I am sorry to say, in too many instances, by unprincipled individuals, until it now numbers in the United States about twelve hundred, and of which I think it may be safely asserted, not more than one-sixth, possess any just claims to a correct or thorough knowledge of the pursuit. That under such circumstances, it should occupy a place in the world's estimation, inferior to that to which it would otherwise be entitled, is not a subject of wonder.

Of the qualifications necessary to be possessed by a dental practitioner, and the time required for their acquisition, few seem to be aware. On this subject an erroneous opinion seems pretty generally to prevail. A little mechanical tact, or dexterity, is thought by some, to be all that is requisite to a practitioner of dental surgery, and that this could be obtained in, at most, a few weeks. The prevalence of this belief, has given countenance to the assumption of the profession, by individuals totally disqualified to take upon themselves the exercise of its complicated and difficult duties. But it is to be hoped that the day is not remote, when it will be required of those to whom this department of surgery shall be entrusted, to be educated men, and well instructed in its theoretical and practical principles. Elevate the standard of the qualifications of the dental surgeon to a level with those of the medical practitioner, and the results of his practice will be always beneficial, which, at present are frequently the reverse. Require of the practitioner of dental surgery to be educated in the collateral sciences of anatomy and physiology, surgery, pathology and therapeutics, and the sphere of his usefulness and his respectability will be increased. Require of him to be thus qualified, and he will be able to contribute to the advancement and dignity of his calling, and by a zealous devotion to it, he will soon arrive at an excellence, to which, heretofore, but few comparatively, have attained, and enjoy the high gratification of knowing that he is a benefactor of his fellows.

But although, among the practitioners of dental surgery, there are very many possessed of talents and education, and who, by dint of unwearied industry, have acquired distinguished, and justly-deserved high reputations for skill; yet they, by their individual exertions, have been unable to free the profession from the reproach that has been brought upon it, by the hundreds of ignorant and disqualified individuals, by whom its duties are still exercised. Encouraged, however, by what has been done by associated influence, and free interchange of sentiment, among the practitioners of medicine and surgery, they are beginning to lay aside that selfish ambition, and petty jealousy, which in times past have kept them apart, and are uniting their efforts to raise the standard of professional qualification—hoping thereby to secure for their vocation a confidence and a respectability that it has not hitherto enjoyed. That they may be successful in so commendable an undertaking, should be the ardent desire of every one; yet filled as the ranks of the profession are, with individuals who have never learned the first rudiments of science, it will doubtless require some time to effect the wished reformation, and will only be accomplished, as they shall be able to fix a line of distinction between the competent and incompetent. With a view to this and the more rapid improvement of the art, an association has recently been formed in this country under the designation of the "*American Society of Dental Surgeons*," with such terms of

membership as will admit none, except such as are thoroughly qualified to practice the profession. If this feature be carried out, and from its present organization, no fears need be apprehended on the subject; the association will be able to furnish to its members, credentials of competency, that will, at once, command confidence and respect, and at the same time tend to secure the community against the impositions of the unprincipled charlatan and ignorant pretender. In addition to this, it will contribute in an eminent degree, to establish correct and uniform systems of practice throughout the whole country, and thus an almost incalculable amount of good may result from it.

But to Maryland belongs the honor and credit of establishing the first institution that has ever existed, for the education of gentlemen for this particular department of medicine. The legislature of this State at its last session incorporated a College for this special purpose, and thus, facilities are offered for the acquirement of a knowledge of all the branches of this most valuable art, that have never before existed, and in consequence of which, the majority of those who have assumed its practice, have been compelled to do so without the requisite preparatory qualifications. Had facilities for obtaining the necessary information existed, it is probable that most of those who have thus entered the profession, would have availed themselves of them; but as there were none, they were obliged to depend upon such instruction as they could procure, but relying principally upon what they should learn from practice. Thus, from year to year have numbers been added to the profession, until its ranks have become crowded with individuals totally disqualified to take upon themselves the exercise of its nice and critical duties.

That a school, established for the special purpose of teaching a profession whose resources are as frequently called into requisition as those of the dental surgeon, and upon the judicious correct exercise of whose duties, the comfort and happiness of so many depend, should be suffered to go down, I can hardly suppose. A failure of the experiment, for as yet, it can be regarded as little else, would be a reproach upon the intelligence of our country. Therefore, that it will be sustained, I entertain no scruples. The announcement that was made of its establishment by the Board of Visitors, soon after its organization, was received, by the more intelligent of the profession throughout the United States, in a manner calculated, not only to inspire its friends with confidence, but also that promises perpetuity to it. That it will have many discouragements and difficulties to contend with, is to be expected; yet, if by the persevering exertions of those to whom its management has been entrusted, they be eventually overcome, and the objects for which it was created accomplished, they will feel themselves amply rewarded, for the time and labour which they shall have bestowed upon it.

In regard to the plan of instruction which it is proposed to pursue, it is only necessary to observe, that, while it will be such as will enable the pupil to become thoroughly grounded in theory, the surgical and mechanical portions of the art will be exhibited in all their minutiae, and opportunity given to each, of repeating them sufficiently often to become familiarized with, and skilled in the various manipulations pertaining thereto, so that on leaving the school he may not only be a *good theorist*, but a *good practitioner*.

Gentlemen,—the profession for which you are preparing, is honourable; it is useful; it is one that will enable you to be serviceable to your fellows,—to relieve much of human pain, and to mitigate many mortal woes. Though it may not require of you to combat the more violent and aggravated forms of disease that are incident to man, you will have to treat those that demand nearly or quite an equal degree of acumen and skill; and if you would possess these, it will be necessary that

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you devote yourselves diligently and perseveringly to their acquisition; that you faithfully employ the time that you design appropriating to your studentship, in acquainting yourselves with the structure of the parts implicated in them—their pathology and therapeutical indications. If you would be able to arrest the diseases that come within the province of the profession for which you are preparing, and prevent the various evils that are frequently consequent thereupon, or, in other words, if you would be able to preserve those invaluable organs, the teeth, and thus secure to those by whom you may be consulted, one of the greatest of earthly blessings, a healthy denture, endeavour to attain the knowledge that will enable you to do it.

If you would command respect, and enjoy the confidence of those among whom it may be your lot hereafter respectively to reside, let it be your persevering endeavour to deserve them. Resolve that you will not be satisfied with mere mediocral abilities in the calling for which you are qualifying. Resolve to put forth all your energies for its acquisition, that you may be able to take rank among the most scientific and skilful. If you do not do this, the fault will be your own, and I am sure that your teachers will labour to little purpose in endeavouring to impart instruction to you, unless you strive to profit therefrom. Let one then, who will feel a deep and anxious solicitude for your success, urge you to diligence in the pursuit of the knowledge you are now seeking. Its possession can alone enable you to discharge in a correct and proper manner, the intricate and complicated duties you are preparing to assume. Let then, a pure and high ambition stimulate you to zealous and unwearied exertion, and be assured that you will never be reproached by the future, for time misspent, or for failing to realize to those who shall seek professional aid at your hands, the benefits which the art is capable of bestowing.

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Purposes of this journal are (1) To create a closer, harmonious relationship between the Alumni, the Faculty and the Students; (2) To keep members of the Alumni Association informed as to the progress of their organization; (3) To afford the means for publication of alumni writings; (4) To present to the Student Body an opportunity for instruction in the preparation and publication of writings; (5) To present reviews and abstracts of recent literature; (6) To present case reports of interest; (7) To familiarize the Alumni with the activities of the Clarence J. Grieves Library.

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DENTAL SURGERY



The Journal of the BALTIMORE COLLEGE OF DENTAL SURGERY

DENTAL SCHOOL
UNIVERSITY OF MARYLAND



June, 1940

Program Number
Alumni Meeting and Commencement Activities

Volume Four **Number Two**

BALTIMORE

THE JOURNAL

of the

BALTIMORE COLLEGE OF DENTAL SURGERY

DENTAL SCHOOL
UNIVERSITY OF MARYLAND

VOL. 4 No. 2

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Historical Exhibits Section of the Dental Centenary Celebration

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THE BALTIMORE COLLEGE OF DENTAL SURGERY
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THE FACULTY AND THE ALUMNI ASSOCIATION

announce

THE ACTIVITIES

for

THE ALUMNI AND THE GRADUATING CLASS

COMMENCEMENT WEEK

at

BALTIMORE

May 30, 31 and June 1, 1940

COMMENCEMENT EXERCISES

at

COLLEGE PARK

June 1—11.00 a. m.

MESSAGE TO THE ALUMNI

ANOTHER year has almost passed into history and soon the one hundredth consecutive class will be graduated from the Baltimore College of Dental Surgery.

We congratulate the men who compose this class as being, in a sort of special sense, a part of the enthusiastic Dental Centenary Celebration which has just been so successfully held in Baltimore. We hope the enthusiasm engendered by this notable event will lead to the return at the approaching graduation season of a large number of Alumni so that we may enjoy more intimately than we could during the large Centenary meeting, the associations which usually characterize Alumni gatherings.

We feel that because this great Celebration was conceived, organized, and carried out almost entirely by graduates of our Alma Mater, that the Alumni Association may very justly take pride in the fact that from all sides, through letters from individuals and through comments in the press and dental journals, there was a universal expression of enthusiastic approval from all who attended it.

Because of the large and varied program of events which necessarily characterized such a meeting it was found impossible to arrange more than one occasion this year for a general gathering of all the Alumni; therefore, it was finally decided that a reception, during which refreshments would be served, would provide the best medium for a reunion of graduates. It turned out to be a most delightful occasion, and of the 823 Alumni who registered during the Centenary, we hope you were among the very large number who attended the party on Sunday evening, March 17, and that you enjoyed the occasion as much as we did. This is a fine showing and is as it should be, since much of the Centenary Celebration of necessity centered around the founding of the Baltimore College of Dental Surgery. Practically all the Alumni who were here attended the Centenary dinner in groups, so that after all we really achieved a genuine reunion. Special gatherings were held by a number of the different classes, some at luncheon or dinner, characterized by an attendance varying from five to almost a hundred per cent.

Now, we hope if you are not already a member of the Alumni Association that you will be inclined to join after observing how much more the Association could accomplish with the increased funds which would be provided by a larger membership. You will find on the back page of the Journal an application blank which we hope you will fill out and send to the treasurer, Dr. Howard Van Natta, Medical Arts Building, Baltimore, Maryland, together with the small annual dues of three dollars.

Our Alumni are very widely scattered and, though we may not achieve as large a membership as some other schools whose Alumni are more numerously located near their school, we are ambitious to increase our association to at least a thousand, a membership which would, of course, enable us to give a much greater service to the members.

HARRY E. KELSEY, *President*
Alumni Association

COMMENCEMENT PROGRAM

THURSDAY, MAY THIRTIETH

7:00 p.m.—

Omicron Kappa Upsilon Fraternity (Phi Chapter)

BANQUET AND INITIATION

Lord Baltimore Hotel

FRIDAY, MAY THIRTY-FIRST

9:00 a.m.—

SENIOR PRIZE CONTESTS

Cohesive Gold Filling (Operative Clinic)
The Dr. Isaac H. Davis Memorial Medal
(Contributed by Dr. Leonard I. Davis)

Full Mouth Operative Restoration (Operative Clinic)
The Dr. Albert S. Loewenson Memorial Medal
(Contributed by Mrs. Albert S. Loewenson)

Practical Set of Full Upper and Lower Dentures (Prosthetic Clinic)
The Dr. Alex. H. Paterson Medal

12:00 noon—Room 37, Dental School Building

ALUMNI BUSINESS MEETING

Annual Business Meeting of the National Alumni Association

1:00 p.m.—

SENIOR CLASS ASSEMBLY

Room 37

There will be brief addresses by Dr. Harry E. Kelsey, President of the National Alumni Association, Mr. Benjamin Dabrowski, President of the Senior Class, and Dr. J. Ben Robinson, Dean of the School.

1:30 p.m.—Longfellow Hotel, 2 West Madison Street

LUNCHEON

The Judges of the Contests, the members of the Senior Class, and the visiting Alumni will be guests of the Faculty at luncheon.

2:00 p.m.—

GOLF TOURNAMENT

The Annual Golf Tournament of the National Alumni Association will be held at the Hillendale Country Club.

A valuable cup will be awarded to the person winning the championship

and will remain in his possession one year, after which it shall be returned to to the Chairman of the Golf Committee. The cup will become the permanent property of whoever wins the tournament three times.

Luncheon will be served at the Club House for a minimum fee for those desiring it; also a greens fee will be charged. (Bring your official handicap card.)

All prizes will be awarded at the Annual Alumni-Senior Class Banquet on Friday, May 31, at 7:00 p.m., at the Lord Baltimore Hotel.

Cup Winners

1937—Dr. Stuart G. Buppert, '36
1938—Dr. George E. Hardy, '26
1939—Dr. Kyrle W. Preis, '29

7:00 p.m.—

ALUMNI-SENIOR CLASS BANQUET AND DANCE

Lord Baltimore Hotel

Calvert Room

The banquet promises to be an interesting and pleasant occasion, at which time all prizes, medals and honors will be awarded. A floor show and dancing will follow. The banquet tickets are $2.50 per person. Reservations may be obtained from Dr. Howard Van Natta, Treasurer, Medical Arts Building, Baltimore, Maryland. Parents, wives and friends are invited.

SATURDAY, JUNE FIRST

11:00 a.m.—

Commencement Exercises at College Park

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Dr. D. Robert Swinehart

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UNIVERSITY GOLD MEDAL

The Faculty

HARRY E. KELSEY AWARD

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Dr. Gerard E. Devlin
Dr. Kyrle W. Preis

SENIOR THESIS

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Dr. Albert C. Eskin
Dr. Ethelbert Lovett
Dr. William L. Meyer

PRIZE CONTEST JUDGES

(Friday, May 31)

COHESIVE GOLD FILLING

The Dr. Isaac H. Davis Memorial Medal

Dr. Harry E. Latcham, *Director*

Dr. Danzell C. Blevins
Dr. Thomas S. Eader
Dr. Noel Smith

FULL MOUTH OPERATIVE CASE

The Dr. Albert S. Loewenson Memorial Medal

Dr. Harry B. McCarthy, *Director*

Dr. Arthur L. Davenport
Dr. Vernon F. Sherrard
Dr. George A. Willis

PRACTICAL PROSTHESIS

The Dr. Alex. H. Paterson Medal

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DEANS OF DENTAL SCHOOLS IN BALTIMORE

BALTIMORE COLLEGE OF DENTAL SURGERY

(Founded 1840)

Chapin A. Harris..... 1840–1841
Thomas E. Bond..... 1841–1842
Washington R. Handy..... 1842–1853
Philip H. Austin..... 1853–1865
Ferdinand J. S. Gorgas..... 1865–1882
Richard B. Winder..... 1882–1894
M. Whilldin Foster..... 1894–1914
William G. Foster..... 1914–1923

MARYLAND DENTAL COLLEGE

1873–1878 (Merged B. C. D. S.)

Richard B. Winder 1873–1878

UNIVERSITY OF MARYLAND

(Founded 1882)

Ferdinand J. S. Gorgas 1882–1911
Timothy O. Heatwole 1911–1923

BALTIMORE MEDICAL COLLEGE

1895–1913 (Merged U. of Md.)

J. William Smith 1895–1901
William A. Montell 1901–1903
J. Edgar Orrison 1903–1904
J. William Smith 1904–1913

BALTIMORE COLLEGE OF DENTAL SURGERY
DENTAL SCHOOL
UNIVERSITY OF MARYLAND

(B. C. D. S. and U. of Md. Merged 1923)

Timothy O. Heatwole 1923–1924
J. Ben Robinson 1924–Present

Please fill out and return to

National Alumni Association
of the Baltimore College of Dental Surgery
Dental School, University of Maryland
Lombard and Greene Sts., Baltimore, Maryland

I will attend the Alumni meeting.

Please reserve for me _____ tickets for the Alumni-Senior Class Banquet and Dance, May 31.

I $\overset{\text{will}}{\underset{\text{will not}}{}}$ play golf. My handicap is ()

My wife will accompany me. Yes () No ()

Signed _____

Year of Graduation
()

Address: _____

TISSUE CHANGES INCIDENT TO ORTHODONTIC TREATMENT*

G. P. Francis, Jr., D.D.S.

For many years, it has been requisite for students at the close of their senior year to write a thesis on a subject of their own selection. The excellent articles written in the past, dealing with every phase of modern dentistry, fully merited the winning of the gold medal thesis award. Last June, Garnet P. Francis, Jr., was honored with this award, and it is my privilege to make several observations relative to the occasion.

As far as can be recalled, it is the first time that any student writing on an orthodontic subject has won the award. Secondly, instead of selecting the usual topic of appliance therapy, he chose the much more important, more difficult and too often neglected field of biologic reaction to pressure, titling his article "Tissue Changes Incident to Orthodontic Treatment."

Of course, we know that senior students have neither time, facilities nor the knowledge to write authoritatively on such a complicated problem. His information must be gained from many references; requiring study and reflection on newly acquired facts, which is precisely the primary purpose of writing a thesis, and is the proper approach to acquiring scientific knowledge.

Space will not permit the printing of the paper in its entirety, but his comprehensive conclusions follow.—*Kyrle Preis.*

CONCLUSIONS

UP TO the present time, practically all of the experiments conducted on the tissue changes which take place during orthodontic treatment, have been on animals. Herzberg conducted an experiment on an eighteen year old girl, using the upper right first bicuspid for the movement, and the upper left first bicuspid as a control. From this experiment he showed that practically the same changes occurred in the tissues of humans as were found in the experimental animals. Breitner also concluded, by experiments, that human teeth could be moved the same as in animals, the changes being the same as those found in the animals by Oppenheim. Thus it is safe to draw conclusions from the experiment on animals, as having the same effects on humans.

There are two forces used in moving the teeth, the intermittent force, and the constant force. The constant force is the one of first choice, except in those cases where the intermittent force is indicated. Better results are obtained and less danger is encountered in orthodontic treatment when a gentle, steady pressure is applied to the tooth. This pressure is best obtained by the constant force so long as the pressure does not exceed that of the blood capillaries. In the hands of the novice, the constant force should always be used, for one is liable to apply too much force at one time

* A selection from the 1939 prize-winning thesis.

when using the intermittent forces. In cases of young individuals where the blood supply to the tissues involved is good, and the reaction of the bone is high, and where you wish to move the teeth as quickly as possible, the intermittent force can be used with care.

The process of movement by using the intermittent force strains the reactive response of the cells, for by the time the force has spent itself until the next adjustment, new bone is built in on the side of pressure; therefore, when pressure is again applied to the tooth, this new bone has to be resorbed first before the tooth can again be moved. The appliance used in the intermittent force does act as a retainer, from one adjustment to another, after its force has been expended. But, as has been shown, this delays somewhat the final completion of the case.

From recent experiments we conclude that the alveolar bone probably responds to pressure in two ways, by its resorption at the point of pressure, and the building in of new bone on the opposite side, or the side of pull. The osteoclasts, which cause the resorption of bone, are stimulated into proliferation and activity by the pressure created from the force exerted by the orthodontic appliance. The osteoblasts, which form new bone, are likewise stimulated on the opposite side of pressure. The osteoclasts remove the bone on the side of pressure so that the tooth may move in that direction; while the osteoclasts resorb the most distal end of the spicules of bone on the side of pull, and the osteoblasts form new bone on the most distal end of the trabeculae on the side of pressure. In this way the alveolar bone moves with the tooth so that the relative thickness of bone surrounding the tooth is never destroyed.

The newly formed bone is different in architecture from the old bone. The new spicules are arranged parallel to the line of force, while the old bone remains unchanged. After a period of time, ranging from six months upward, after the force of movement has been removed, the new trabeculae revert back to normal alveolar bone, taking on the characteristics of the old bone. This process of conversion extends over quite a long period after the force has been removed, which is one of the reasons for the relapse of so many cases.

The periodontal membrane suffers no ill effects unless excessive force is used. It is compressed on the side of pressure and stretched on the side of pull; but because of its elastic nature, the membrane returns to its normal state when the pressure is relieved. The compression of the tissue on the side of pressure accounts for the slight resorption of the alveolar bone after the force is removed. The elasticity of the tissue continues to exert a pressure against the alveolar bone, with the resulting resorption of the bone until the membrane reaches its normal state.

In cases of excessive pressure, the membrane is crushed. This retards the process of movement of the tooth, for the necrotic tissue must be removed first before the process of resorption and apposition of bone can take place.

The blood vessels and nerves entering the apex of the tooth undergo very little changes. There is a slight stretching of the fibers composing these tissues, but unless the tooth is moved too suddenly, these tissues will accommodate themselves. The coats of the blood vessels are composed mostly of smooth muscle fibers, and the nerves have the power of regeneration if severed; thus these tissues are very capable of undergoing the slight changes they are called upon to make. The greatest danger to the blood vessels and nerves is found in the depression of

the teeth, in which event they are very often crushed because of their position and the shape of the root of the tooth.

The same general characteristic changes occur in the elongation and depression of the teeth, the principal difference being in the fact that most of the bone changes occur in the apical and alveolar crest region. This is due to the direction of pull on the fibers of the periodontal membrane, stimulating these particular areas more than the other areas. In this way the alveolar crest maintains its relative normal position to the crown of the tooth.

After movement of the tooth has been completed, the newly formed bone assumes the architecture of the normal alveolar bone. This restabilizing process seems to progress more rapidly in cases where retainers are not used after the moving appliance has been removed from the tooth. This is due to the functional activity of the free teeth, stimulating the reorganization of the new tissue more rapidly than if the teeth are partially supported by an appliance. The process of restabilization is very slow, which accounts for so many cases of relapse.

Root resorption, resulting from the movement of teeth, occurs even in the most carefully conducted orthodontic treatments. This resorption may be severe, involving the dentin of the root, in cases of extreme pressure, or it may only be microscopic in character; but it is present in practically every demonstrated case. The minute or small areas are repaired quickly. The most important thing to remember is that resorption is dependent upon more than just the force of the appliance, the diet and endocrine system's proper function being just as important.

The fulcrum around which the movement takes place lies somewhere in the apical third of the root. This is demonstrated by the fact that resorption of both the root end and the alveolar bone has taken place on the side opposite to that in which the tooth has been moved. In experimental cases, it has been shown that there has been a definite displacement of the root end in the direction opposite to that in which the crown of the tooth has been moved.

The most favorable time for orthodontic treatment is when the individual is young. The younger the animal, the greater is the proliferating power of the osteoblasts, and the longer will they continue to proliferate before assuming their mature forms; therefore, the greater their bone-building potentiality. The cells of the tissues involved respond more readily to the stimuli of pressure in young individuals, and the newly formed bone retains its new form longer before passing into its normal structure. The osteoclasts, which cause the resorption of bone, are more vigorous in their activity, removing the bone at the point of pressure more easily. Also, in young patients, the soft tissues receive an abundant blood supply, and these tissues will withstand more punishment before undergoing permanent changes. Therefore, whenever possible, orthodontic treatment should be undertaken as early as possible, provided that certain local or systemic conditions contraindicate this mode of procedure. Early treatment would surely be contraindicated in high-strung, nervous children, or where the child is in the process of shedding his temporary teeth. Because of the vigorous activity of the bone cells, the period of transformation of the new trabeculae into normal alveolar bone is shortened; thus the period of retention and the chances of relapse are lessened.

ALUMNI NEWS

Five State Clinic

THE Post Graduate Clinic sponsored by the District of Columbia Dental Society will be held May 19, 20, 21, 22 and 23, at the Willard Hotel in Washington.

Synopsis of Program:

R. E. Moran, M.D., Washington
"Plastic Surgery Involving Oral Tissues"
Roy J. Glazen, D.D.S., Washington
"Immediate Fixed Bridgework"
L. S. Block, D.D.D., and Elam Harris, D.D.S., Louisville, Ky.
"Study and Treatment of Tempero Mandibular Joint Problems."
LeRoy Ennis, D.D.S., Philadelphia
"The Practical Phases of Roentgenology."
James P. Stanton, D.D.S., Washington
"Rebasing Complete Dentures."
J. L. B. Murray, D.D.S., Washington
"Dental Education."
W. W. Hurst, D.D.S., Cleveland
"Immediate Complete Denture Service."
C. C. Bastian, D.D.S., New York City
"Ceramics in Dentistry."
Harold Golton, D.D.S., Baltimore
"Diagnosis and Treatment Planning of Periodontal Diseases and Diseases of the Oral Mucous Membranes."
J. M. Clayton, D.D.S., Kansas City
"Children's Dentistry."
R. E. Ramaker, D.D.S., Seattle
"Correction of Arch Deformities in the Infant."
M. G. Swenson, D.D.S., New York City
"Complete Dentures."
J. R. Cameron, D.D.S., Philadelphia
"Oral Surgery."
S. W. Brown, D.D.S., Ashtabula, Ohio
"Condensing Procedures in Amalgam Restorations."
E. Howell Smith, D.D.S., Philadelphia
"Acrylic Resins."

In addition to these essayists, there will be numerous registered and table clinics.

Fraternities and Societies

XI PSI PHI ALUMNI

The Xi Psi Phi fraternity, Maryland State Alumni Chapter, sponsored a reception which was held at the Lord Baltimore Hotel on March 18. The occasion was unique for several reasons.

First: It was almost too successful. We had originally planned and made accommodations for an attendance of about one hundred. Approximately three hundred registered, and as nobody present could change water into wine, our reception ended a little ahead of schedule.

Second: A souvenir program was prepared, depicting the inception and growth of the first dental school in the world, and the history and development of Xi Psi Phi, with the seals of the school and the fraternity on the outside cover.

We were happy to have so many distinguished and honored guests. Among those present were Dr. Arthur Merritt, President of the American Dental Association; Dr. Harry Pinney, Secretary of the American Dental Association; and Dr. Frank McDonald, Supreme President of the Xi Psi Phi. The deans from thirty dental schools graciously accepted our invitations to be present, including Dr. Eudore Dubeau, of the University of Montreal and Dr. Arnold Mason, of the University of Toronto.

Dr. B. Lucien Brun, general chairman of the Dental Centenary Committee and a Zip, proposed a toast to the future of Dentistry, in his delightfully characteristic manner.

The whole affair was conceived and executed with a spirit in true accord with our motto "Hospitality Is the Life of Friendship."

XI PSI PHI WOMEN'S CLUB

The club is completing a most active and enjoyable year, for which we give due credit to our enthusiastic president, Mrs. W. L. Badger. The meetings this year have been unusually well attended, luncheon being held in conjunction with each regular meeting.

The annual dance, which was held on November 22, was the first of the year's social activities. The monthly bridge parties, with two club members as hostesses, have been a pleasant social activity as well as a financial benefit to the Club. During the year, the members have been guests of Mrs. V. B. Ames, Mrs. R. C. Leonard, Mrs. Brice M. Dorsey, Mrs. W. L. Oggesen, Mrs. W. L. Badge and Mrs. T. H. Litz.

Mrs. A. Y. Russell entertained the Club at a most enjoyable luncheon at her home in Severna Park on April 18. A party at the home of Mrs. John M. Hyson on May 11, completed the year's social activities.

PSI OMEGA ALUMNI

Many of those who attended the recent Dental Centenary remarked about the unusual spirit of goodfellowship that prevailed. Regardless of what brought this situation about, it resulted in the Psi Omega Luncheon's setting a new record for such affairs. The presence of the ladies, and especially the guest of honor, Mrs. DeLos Hill, made everyone feel that the luncheon was one of the highlights of the Celebration. It gave the members of this Chapter considerable pride and pleasure to be able to act as hosts for such a memorable occasion.

The Ladies of Psi Omega deserve this expression of appreciation for making such a success of the Tea they arranged for the members of the Fraternity and their Ladies.

ALPHA OMEGA ALUMNI

Ever responsive to the demands made upon it, ever alert to contemporary needs, the Baltimore Alumni Club continues to serve dentistry and Alpha Omega.

We have always felt that we serve dentistry best by making of ourselves better dentists and citizens. To this end, we vary the themes of our meetings to include dental and non-dental subjects. In this we have proved successful. Fraters David Willer and Harold Goldstein serve admirably.

The most interesting of all our themes, however, the theme that absorbs our being, that guides our every action and thought, is Alpha Omega's Greater Glory, the thirty-third annual convention, to be held in Baltimore on December 29, 30 and 31, 1940.

Frater Meyer Eggnatz is the Marshal of the Convention. Frater Eggnatz wields the Marshal's baton with grace, dignity and decision. The wheels of conventioneering have been turning these many months since the Newark Conclave. With a summer and fall of pleasant work ahead, we look forward confidently, to December and the greatest and most glorious of Alpha Omega's annual gatherings.

SIGMA EPSILON DELTA ALUMNI

On March 15, 16 and 17, the Maryland Graduate Chapter and the Epsilon Chapter were hosts to the 1940 Convention of the fraternity. We had arranged a program to afford our guests a most enjoyable time. Our scientific sections were quite educational although purposely limited so as to whet the appetites of our men for the very interesting and successful program of the Centenary Celebration.

It was indeed gratifying to see the number of our graduates who returned to Baltimore to help celebrate the Centenary of their Alma Mater. We feel sure all who attended profited immeasurably and left Baltimore all the more proud of their School. Never again in our lifetime can we hope to see and enjoy such a program as that which was arranged by the Centenary Committee.

For the rest of the current year we have arranged a series of social and scientific meetings. Our social gatherings are to be managed by our Women's Group, and from past performances we are looking forward to some enthusiastic and pleasant occasions. For our scientific meetings we have scheduled several interesting speakers who we feel sure will present some instructive papers and worthwhile clinics.

Many of our members delve into photography as a hobby, and in the near future we intend to have several interesting evenings given over to photography, especially as it pertains to Dentistry. We are also looking forward to an enjoyable evening when we shall see a motion picture filmed at our Convention. This film we intend to have shown before each of our various chapters.

Practice Locations and Internships of 1939 Graduates

Fabius Fox Aaronson
8237 Georgia Ave., N.W., Silver Spring, Md.

Joseph P. Allen
New Martinsville, W. Va.

Bernard B. Auerbach
3320 Caton Avenue, Baltimore

Samuel Barsamian
429 Industrial Trust Bldg., Providence, R. I.

Raymond Blais
207 Elm Street, Holyoke, Mass.

George C. Blevins
Interne: Bellevue Hospital, New York City

John M. Bozzuto, Jr.
157 Bank Street, Waterbury, Conn.

Frank A. Brown
121 Hazel Ave., Lansdowne, Md.

Henry Lee Cannaday
2425 Mt. Vernon Ave., Alexandria, Va.

Antone R. Carvalho
1332 Acushnet Ave., New Bedford, Mass.

Ralph C. Cavallaro
Interne: Western Penn. Hospital, Pittsburgh

Bertrand O. Chan-Pong
88 Frederick St., Port-of-Spain, Trinidad, B. W. I.

James C. Davis
120 Amherst Street, Winchester, Va.

Benjamin D. Edgar
2703 Pacific Avenue, Atlantic City, N. J.

Irving W. Eichenbaum
Hatch Bldg., New Britain, Conn.

Naomi Dunn Eichenbaum
Hatch Bldg., New Britain, Conn.

Charles H. Fallon, Jr.
1514 S. Broad Street, Trenton, N. J.

William B. Feindt
131 S. Broadway, Baltimore

Lt. Garnet P. Francis, Jr.
Dental Corps, U. S. Army, Washington, D. C.

Eugene M. Gane
Interne: U. S. Marine Hospital, Boston, Mass.

Leonard N. Goldstein
Interne: Municipal Hospital, Hartford, Conn.

Gilbert F. Gorsuch
Rockville, Md.

Hans H. Griesbach
Odd Fellow's Bldg., Naugatuck, Conn.

Harry C. Grove, Jr.
Hagerstown, Md.

Robert E. Jacoby
Bethesda, Md.
Robert Jakob
Interne: Bellevue Hospital, New York City
Verda Elizabeth James
Fellowship: University of Louisville, Louisville, Kentucky
W. Edgar Johnson
33 Main Street, Berlin, N. H.
Osler C. Joyce
1319 E. North Avenue, Baltimore
Marshall I. Kader
Interne: Episcopal Eye, Ear and Throat Hospital, Washington, D. C.
Frederick R. Krug
Interne: Walter Reed Hospital, Washington, D. C.
Charles F. Labasauckas
Interne: State Hospital, Crownsville, Md.
William L. McConnell
104 Virginia Ave., West Union, W. Va.
Jules McCracken
Milton, W. Va.
Irving L. Maislen
Student in Orthodontia, Columbia U.
Leon Meinster
2204 W. North Avenue, Baltimore
William F. Melson
605 Medical Arts Bldg., Wilmington, Del.
Max Miller
5106 Park Heights Ave., Baltimore
Albert W. Morris
Interne: Guggenheim Dental Clinic, 422 E. 72nd Street, New York
Melvin Myers
4222—14th St., N.W., Washington, D. C.
William J. Noon, Jr.
947 Atwells Ave., Providence, R. I.
Harold E. Plaster
Interne: Johns Hopkins Hospital, Baltimore
Seymour A. Rabinowitz
1001 E. Huron St., Ann Arbor, Mich.
Kenneth V. Randolph
School of Dentistry, University of Md.
Paul Reed
Port Henry, N. Y.
Irving K. Robinovitz
221 Granite Block, Fall River, Mass.
Everett T. Rogers
178 Meadow St., Naugatuck, Conn.
Oscar J. Schoepke
York Rd. and Burke Avenue, Towson, Md.
Alfred B. Schriver
Interne: Baltimore City Hospitals, Baltimore
Leo J. Shaudis
Silver Creek, Penn.
Erwin E. Shea
902 Main Street, Hartford, Conn.
Vincent F. Sidoti
356 Main Street, Winsted, Conn.
Edward R. Stinebert
Medical Arts Building, Baltimore
W. Carter Tinsley
Interne: U. S. Marine Hospital, Norfolk, Va.
Dorsey T. Tipton
Interne: University Hospital, Baltimore
Michael S. Varipatis
Interne: Baltimore City Hospitals, Baltimore
Bernard Waldman
Mansfield State Training School, Mansfield Depot, Conn.
Irving S. Weiner
American Industrial Bldg., Hartford, Conn.
John H. Wooden
Interne: Maryland General Hospital, Baltimore
Dan Wright
State Bank Building, Greenville, N. C.

Personals

Dr. George Edward Hardy, Jr., '26 was married to Elizabeth Scarlett on April 24, 1940.

Dr. Lawrence Harris '36 was married to Retta Feder on March 15, 1940.

Dr. Darwin Robert Swinehart '37 was married to Eleanor Winifred Chambers on January 10, 1940.

Lt. (j.g.) William Basil Johnson, Jr., '38 was married to Sybil Roberta Manahan on January 27, 1940.

A son, Carroll MacDonald Hahn, was born to Dr. and Mrs. William E. Hahn on November 22, 1939.

A daughter, Anna Maria Brice Noon, was born to Dr. and Mrs. William J. Noon, Jr., on February 28, 1940.

Obituary

Raymond H. Moloney (B. C. D. S. '88) of Brooklyn, N. Y., died February 25, 1940.

Phineas E. Horton (U. of Md. '94) of Winston-Salem, N. C., died April 14, 1940.

David H. R. Patton (U. of Md. '95) of Chicago, Ill., died February 28, 1940.

Charles W. Kammer (B. C. D. S. '96) of Baltimore, died January 29, 1940.

James F. Clark (B. C. D. S. '03) of Pawtucket, R. I., died March 7, 1940.

James P. McCooey (B. C. D. S. '08) of Blackstone, Mass., died April 3, 1940.

Chester E. Miller (U. of Md. '14) of Baltimore, died February 12, 1940.

Louis Rossmann (B. C. D. S. '15) of Baltimore, died April 2, 1940.

Oren H. Gaver (U. of Md. '18) of Baltimore, died March 28, 1940.

Thomas C. Dunn (B. C. D. S. '19) of Ballston Spa, N. Y., died in January, 1940.

John W. Shea (B. C. D. S. '21) of Hartford, Conn., died October 7, 1939.

DENTAL CARIES

Preliminary report of ten years observation of the influence of saliva on dental caries, by A. Y. Russell, D.D.S., contains the following general conclusions:

(1) Continual local or systemic disturbance of ptyalin activity in the saliva predisposes the teeth to dental caries.

(2) When the digestive activity of salivary ptyalin is thorough and complete, the teeth acquire a resistance to dental caries.

A complete report of this work will be published and co-workers will be given full credit.

In Memoriam

OREN HENRY GAVER, D.D.S., F.A.C.D.

1892–1940

THE members of the dental profession have suffered the loss of one of their most popular and respected colleagues. On March 28, 1940, Dr. Oren Henry Gaver, Professor of Physiology in the Baltimore College of Dental Surgery, Dental School, University of Maryland, died in the University Hospital, following an operation.

To the dental student, Dr. Gaver was a sincere friend and advisor as well as an educator. It is significant that he was among the members of the faculty who teach the Freshman Class. In this capacity, he was able to give assistance and encouragement to the youngest students of the school during a year of study which, at best, involves some discouragements. No student failed to appreciate the earnest, sincere, and eager thoroughness with which he taught his subjects.

Those associated with Dr. Gaver know that he played as hard as he worked. He was a lively and welcome addition to any social gathering that he attended. His readiness to take part in games, jokes, singing, and all other activities that attend a recreational event gave him the reputation of being a truly good sport.

Dr. Gaver was born on May 18, 1892, in Myerville, Frederick County, Maryland. After attending county public schools, he studied a business course at Columbia College, in Hagerstown, Maryland. He then became employed in a bank in Thomas, West Virginia. Soon afterwards, he entered the School of Dentistry of the University of Maryland, from which he was graduated in 1918. He received the University Gold Medal for the highest scholastic rating in his class. He continued to study physiology and biochemistry at the Johns Hopkins University, and at the School of Medicine of the University of Maryland. In the summer of 1918, he was appointed instructor of Clinical Operative Dentistry in the Dental School. In subsequent years, Dr. Gaver held the positions of Superintendent of the Dental Clinics and then Professor of Physiology. At the time of his death he also taught Physiological Chemistry and Dental Materials.

Dr. Gaver was a Fellow in the American College of Dentists. He was an active member of Psi Omega Fraternity, Omicron Kappa Upsilon Fraternity, and the Gorgas Odontological Society; and he was a past president of the Maryland State Dental Association.

Dr. Gaver was a member of the board of St. John's Lutheran Church, in which his funeral services were held. He was also a member of the Board of Education and the Board of Police Examiners of Anne Arundel County, and of the Concordia Lodge of Masons.

Surviving Dr. Gaver are his widow, who was Miss Mabel Boyde of Rogersville, Tennessee; his son, Oren Henry, Jr., who is a first-year predental student at the University of Maryland in Baltimore; his father, Mr. Lewis F. Gaver, and his eleven brothers and three sisters. Three of his brothers, Paul, Herman, and Gaither Gaver, are pharmacists. One of the brothers, Grayson W. Gaver, is Assistant Professor of Prosthetics at the Dental School; and, another, Leo Gaver, is a physician, now interning at the University Hospital.

Undoubtedly, Dr. Gaver's services and accomplishments were appreciated while he lived. He had the ability and the desire to make use of his knowledge and experience to help mankind by training men to become good dentists; so, his contributions to dentistry will be long-lived. But we have all suffered a more personal loss; his departure has altered the sphere of our friendships.

STUDENT ACTIVITIES

First Predental Class

WELL-KNOWN facts about little-known people: Bosworth, quoter of fine English passages; Byars, Texan stride and drawl; Clement, window gaper; Conner, trumpeter and blow-hard; Danker, inventor and pipe collector; Donahue, jitterbug and swing singer; Dosh, swimmer and mechanic; Fales, lady-killer and hand-shaker; Flitton, horse doctor; Gare, little Napoleon; Goldberg, strong man; B. Gordon, Gare's sparring partner; Hennesey, practical (?) joker; Hoffman, sculptor for the *Mirror;* Levickas, cue ball; Long, butcher boy of Ellicott City; Pfeifer, the hound of the alleys; Pitruzzella, collector of lapel charms and sideburns; Quillin, God's gift to the little women; Radler, worry wart; Smith, band leader; Walker, professional "Gigler"; Zemel, "Man about Town"; Gaver, the wonder of the Chemistry lab.

On April 6, 1940, the freshman and sophomore predental classes held their annual dance at Levering Hall. Excellent music was supplied by the Debonairs. Favors were given to all the predental students and their guests. Included in the attendance were many faculty members and their wives. The representatives for the freshman class were Hyman W. Zemel and James Donahue.

Second Predental Class

The Predental Dance was held Saturday night, April 6, at Levering Hall on the Johns Hopkins University campus. Surprisingly, there were probably more professors at Levering Hall that evening than there have been at any predental dance for several years. Dr. and Mrs. McCarthy, Dr. and Mrs. McCauley, Mr. Everett, and Mr. Thompson were there. For some not inexplicable reason Mr. Thompson was the center of attraction throughout the evening. One professor was sorely missed: the good friend of the students, Mr. Foley, was not present.

In the Dental Centenary historical drama, "Wilderness," two members of our class, Miss Celeste Capone and Carl Ebeling, were participants.

W. M. Whaley, our class president, we are sorry to announce, has forsaken the predental school to study pharmaceutical chemistry. Everyone in the class wishes Mr. Whaley the best of good fortune. During this year, other than Whaley, no one has left our class of his own volition or perforce. We hope that conditions remain as they are, and that we shall all reach the good old Clinic.

Freshman Class

In the future, when looking back on our freshman year, we of the class of "43" will undoubtedly consider the Dental Centenary Celebration the highlight of a uniformly pleasant period. We derived a welcome fund of information from the Historical Exhibits, and great profit from the numerous scientific sessions that we attended. We staggered home each evening laden with new knowledge plus loads of samples gleaned from the hospitable commercial exhibitors.

The Freshman Class Dance, held on March 9, at the Chesapeake Club, was put across in fine style by a committee composed of Al Martino, Bill Cirrito, Leon Krieger, and Jimmy Ditrolio. The floor show consisted of an adagio dance by Dr. McCrea. The committee is to be congratulated on the originality of this presentation.

The class, the school, and the dental profession as a whole, experienced an irreparable loss on the untimely death of our beloved professor and friend, Dr. O. H. Gaver. This sorrowful event cast the only shadow over an otherwise splendid school year.

Sophomore Class

Well, it does not seem possible, but the fact remains, that we are on the verge of becoming juniors very shortly. Already most of us have had a taste of clinic work in the capacity of prophylaxis technic—this is the first time the sophomore class has been officially assigned to the Infirmary. Some of the more industrious have already signified their intentions of remaining for the summer months to begin operative procedure.

On April 5, the class dance was held at the Hotel Emerson. Syncopating rhythms were furnished by an orchestra organized especially for the occasion by a member of the class. The success of the affair was proved by the large attendance. Dr. Liberman, instructor in pathology, and Henry Lasch, one of our illustrious classmates, celebrated their birthdays on that momentous night, and the fact was indicated over the public address system. All joined in with "Happy Birthday to You."

It is with a solemn tone that this class offers its condolences on the sudden death of one of the School's most beloved faculty members, Dr. O. H. Gaver. His sincere, friendly, and carefree manner left an indelible impression on the minds of one and all, and it is with a feeling of deep regret that we continue our studies without the presence of Dr. Gaver—a real man through and through.

With the publication of this issue of the Journal, the school year is practically completed; so it is with joy and anticipation that the class looks by the summer months to September and the beginning of our real dental work.

Junior Class

Well, examination time is very near and there certainly is a mad rush among the fellows to fill that last root canal, give the final treatment in periclasia, meet the operative clinical requirements and complete that last prosthetics case.

At Christmas the class donated freely for the purpose of supplying a good Christmas dinner to several needy families. A letter was received from the Welfare Society thanking us and commending us for our thought and effort in this matter.

On the evening of March 17, the class had a stag banquet at the Lord Baltimore Hotel. The toastmaster for the occasion was our capable Dr. Herbert Wilkerson. Following the banquet there was a dance.

Several of the members of the class participated in the historical drama, "Wilderness," which was presented at Ford's Theatre during the Centenary Celebration.

Senior Class

The Senior activities have been at a standstill socially, since the Gorgas affair. The only item of interest is the participation in the Centenary Celebration. Although nothing of outstanding importance was perpetrated by the members of our class, I dare say that the historical exhibits would have suffered an immeasurable loss had not Ben Dabrowski, Horace Westcott, and Gene Pessagno condescended to act the parts of Chapin A. Harris and Horace Hayden.

The activities anticipated before graduation are numerous. The plans for these activities, however, are not yet completed. We are anticipating the second Gorgas Affair which is to take place on the evening of May 4.

In this, the last issue in which we shall be represented as students of the University, we wish to extend our thanks and appreciation for the interesting material brought to us by the JOURNAL in the past four years. We extend our heartiest wishes for the advancement of this publication to a position of esteem among organs of a similar nature.

MIRROR

The Centennial "Mirror" went to press April 1, and delivery is expected about the third week of May. The Staff has tried to make the book of absorbing interest, especially as a Centennial souvenir. The division pages have been devoted to the history of Dentistry, with many appropriate illustrations; the feature section contains many pictures of the Centenary Celebration. The "Mirror" of 1940 is wider and longer than other editions. The photography is better than it ever was, and good use has been made of the greater space for each individual page. The Advisory Committee believes that the 1940 Annual will prove to be the best yearbook ever published by the student body of a dental school.

GORGAS ODONTOLOGICAL SOCIETY

The Society began the 1939–40 session with the rather slim roll of only eleven members, but this situation was soon remedied with the induction of a large number of new men.

The officers for the session are:

DEAN J. BEN ROBINSON: *Honorary President*
JOHN T. BONHAM, *President*
E. L. PESSAGNO, *Vice-President*
H. L. WESTCOTT, *Secretary*
J. I. KASAWICH, *Treasurer*
S. GOLDHABER, *Sergeant-at-arms.*

The Annual Initiation Banquet and Dance was held November 21. The occasion was marked by the presence of several prominent members. Dean Robinson acted as toastmaster. The speaker was Dr. Daniel F. Lynch, who delivered an earnest and moving address on the vast opportunities that await the dental graduate of today. The keys were presented by Dr. Timothy O. Heatwole, who was Dean of the Dental School at the time of the founding of the Society. Dr. Heatwole livened the presentation with a few prefacing remarks of inimitable charm and humor. When the proceedings were over, we found ourselves increased in membership by more than five times.

On April 10 the Society presented Dr. Thomas Grubb, who gave a paper on *Antiseptics and Germicides Used in Dentistry*. The paper was discussed by Dr. Dobbs.

At this time we are planning the Annual Spring Banquet and Dance, and we expect to have a gala affair at the Belvedere hotel. We intend to invite the charter officers of the Society.

Dean Robinson will induct Dr. Marion W. McCrea as an honorary member and also present certificates to the seniors.

THE FRATERNITIES

PSI OMEGA, ALPHA CHAPTER

The untimely passing of our beloved Deputy Councilor, Dr. O. H. Gaver, leaves us saddened and awed. The loss of Dr. Gaver will long be keenly felt by the Fraternity and by the whole School.

It has been our good fortune that the Supreme Council recently appointed Dr. Paul A. Deems to take Dr. Gaver's place.

At a formal meeting held shortly before his decease, Dr. Gaver presented two members of the Supreme Council: Dr. Harold S. Smith, Grand Recorder, of Chicago, and Dr. John E. Gurley, Editor of "The Frater," of San Fran-

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cisco. It was very interesting having these two outstanding personalities visit with us during the Dental Centenary.

Our second initiation for this school year was held in March. Nine new members were received: Amatrudo, Biega, Bryce, Carey, De Pasquale, De Young, Steel and Wilkinson.

XI PSI PHI, ETA CHAPTER

Eta Chapter of the Xi Psi Phi had the pleasure of entertaining the members of the freshman and sophomore classes at an old-fashioned smoker, held at the Madison Apartment Hotel on February 14. During the evening a few short addresses were given by members of the Alumni Chapter of the Xi Psi Phi, after which refreshments were served. In spite of the bad weather, more than seventy-five were present.

The chapter members were the guests of the Alpha Xi Chapter, at Georgetown University, to witness the induction of their pledges into Xi Psi Phi on the night of April 25. All our active chapter members attended. Plans are under way for a Spring Dinner-Dance to be held at the Baltimore Country Club during the early part of May. Eta chapter wishes to announce the formal initiation of Chester B. Ralph and Daniel Bixby, both of the class of '42, into Xi Psi Phi.

ALPHA OMEGA, ZETA MU CHAPTER

Zeta Mu has been very active this year, having held several successful affairs. On March 16, just prior to the Centenary of Dentistry, the spring formal was held in the Assembly Room at the Belvedere Hotel. This event was attended by over 150 Alumni, undergraduates and guests.

The House has been refurnished and a new piano has supplanted the old one.

Those recently initiated were Hauss, Herman, Klein, Pollock, Rolinson, Skowrenek, Sucoll, Stern and Yalovitz.

SIGMA EPSILON DELTA, EPSILON CHAPTER

The rapid approach of the close of the school year, the greatest in Epsilon's history, is marked by a mingled feeling of happiness and regret. 1940 brought the National Convention to Baltimore for the first time. Many thanks are due the committee that handled so efficiently the attendance, which surpassed our expectation. It was unanimously reported by all those present, that the 1940 Convention was the best that S. E. D. has ever experienced. The Convention was climaxed by a Formal Induction Dance on Sunday night, March 17. This affair will not soon be forgotten, for a galaxy of photographers recorded this event for fraternal history.

Following the Convention, activities did not quiet down as one would expect, for the acquisition of a phonograph put new life into the house. Recordings of all the latest selections, as well as many classical pieces, donated by the fraters, are rapidly accumulating into a well-stocked library.

Athletic activity has shifted from ping pong to soft ball. Interfraternity competition was strong, but S. E. D. claims the championship, based on the season's records.

It is with much regret that Epsilon bids farewell to its departing seniors, Sid Belinkoff, Weehawken, N. J.; Julie Kasawich, Whitestone, N. Y.; Julie Bookstaver, Teaneck, N. J.; Sam Goldhaber, Flushing, N. Y.; Ben Diamond, Roanoke, Va.; Burt Litchman, Providence, R. I.; and Bernie Randman, Whitestone, N. Y. As a token of appreciation for the services rendered by these men, each will be presented with a fraternity key at the Farewell Dinner and Dance to be held at the Belvedere Hotel on May 25.

The Journal of the Baltimore College of Dental Surgery, is a non-proprietary dental journal, owned and published by the Faculty, Undergraduate Body and the Alumni Association of the Baltimore College of Dental Surgery, Dental School, University of Maryland; and the Grieves Library Foundation of the Maryland State Dental Association.

Purposes of this journal are (1) To create a closer, harmonious relationship between the Alumni, the Faculty and the Students; (2) To keep members of the Alumni Association informed as to the progress of their organization; (3) To afford the means for publication of alumni writings; (4) To present to the Student Body an opportunity for instruction in the preparation and publication of writings; (5) To present reviews and abstracts of recent literature; (6) To present case reports of interest; (7) To familiarize the Alumni with the activities of the Clarence J. Grieves Library.

Policies. The Editor and publishers are not responsible for opinions expressed by authors of contributions appearing in this journal. The Editor reserves the right to reject any contributions which in his opinion are not of the standard desired. Articles must be contributed solely for publication in this journal. Permission to reprint in non-proprietary journals will be granted upon request.

Advertising. Recognizing a responsibility to an advertising section, the Editor will adhere strictly to the principles governing advertising adopted by the American Association of Dental Editors which are as follows:(1) Only such therapeutic remedies or dentifrices as have been approved by the Council on Dental Therapeutics of the American Dental Association shall be advertised.

(2) Advertisements of products not under the jurisdiction of the said Council shall be acceptable only if they meet the requirements of (a) truth in statement, (b) reasonableness in claim and (c) dignity in presentation.

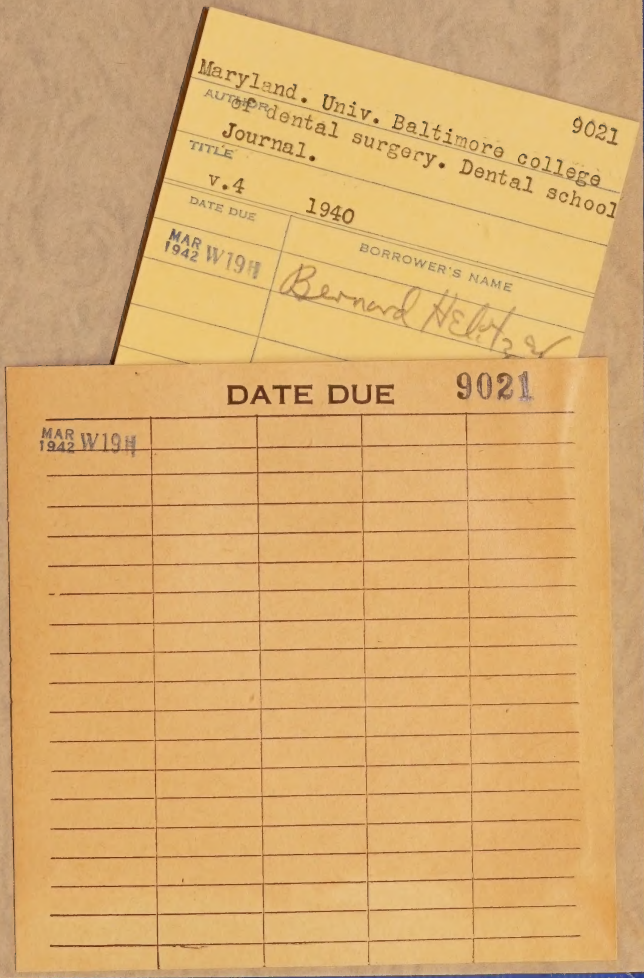
(3) Advertisements shall be confined to the Advertising section, to the inside and outside of back cover. In keeping with this provision, advertisements shall not be disributed on or among the pages devoted to professional affairs.

(4) Complimentary references to advertisers of their products (commonly referred to as "Puffs" or "Boosts") shall be avoided, but it shall not be considered improper to refer to the advertisers as a group.

(5) Only such advertisements shall be acceptable as are frankly presented as advertising. No advertisements shall be acceptable that have the appearance of being scientific articles, editorials, or anything other than advertising, for they would not meet the requirements of honesty and integrity specified.


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